AUDIO-VIDEO STEREO RECEIVER

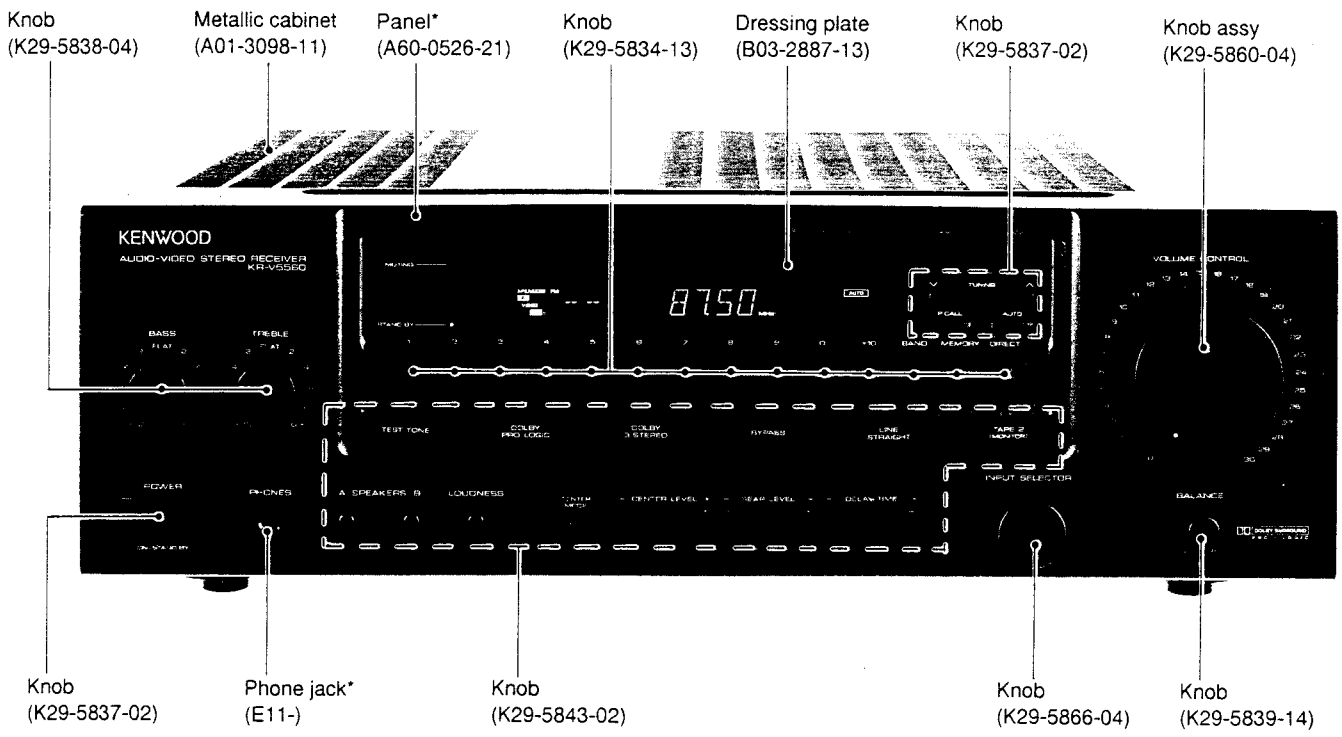
KR-694/V5560/V6060

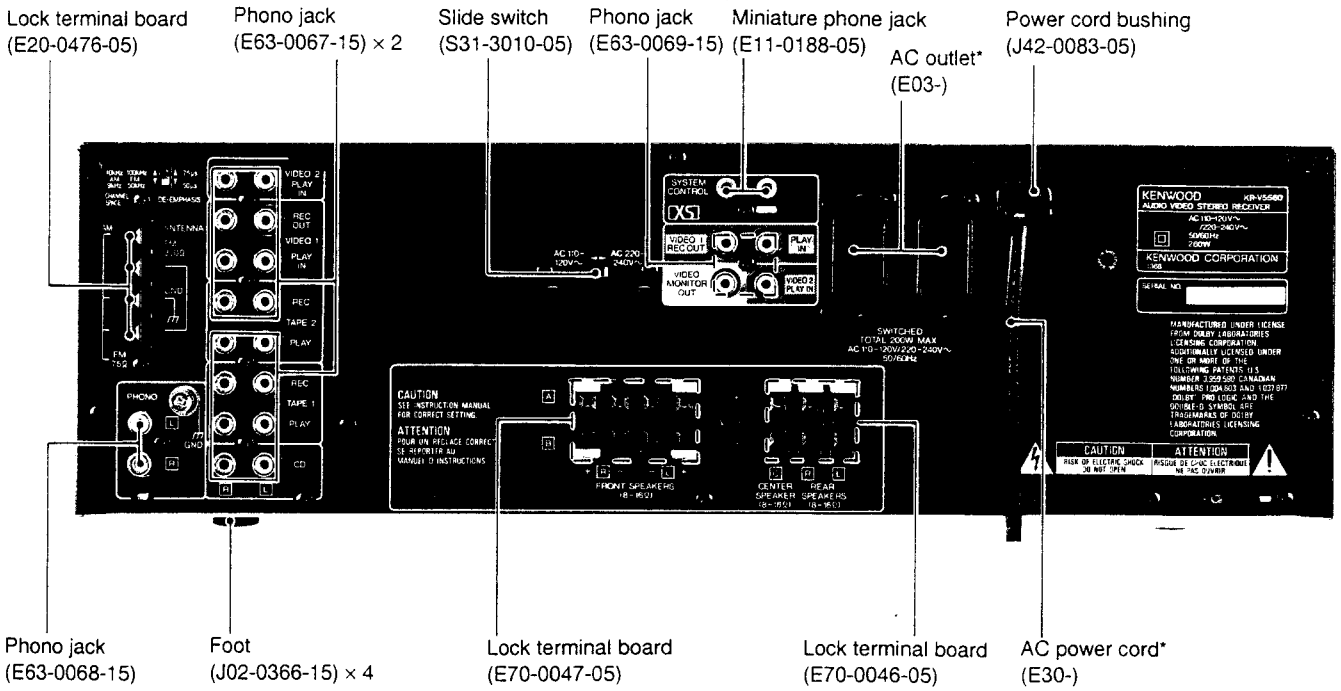
SERVICE MANUAL

KENWOOD

© 1994-1 PRINTED IN JAPAN
B51-4842-00(S) 3457

KR-V5560(KR-694 sames as KR-V5560 without Model name.)





*Refer to parts list on page 51.

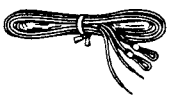
KR-694/V5560/V6060

CONTENTS

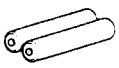
ACCESSORIES 2
REMOTE CONTROL UNIT 5
DISASSEMBLY FOR REPAIR 8
BLOCK DIAGRAM 9
CIRCUIT DESCRIPTION 11
ADJUSTMENT 20
WIRING DIAGRAM 23
PC BOARD(Component side view) 25
SCHEMATIC DIAGRAM 33
EXPLODED VIEW 49
PARTS LIST 51
SPECIFICATIONS 62

ACCESSORIES

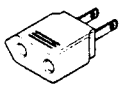
FM indoor antenna .....(1)
(T90-0175-05)



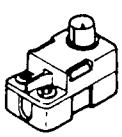
Batteries (R6/AA) .....(2)



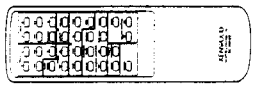
AC plug adaptor
.....(1)
(E03-0115-05):M



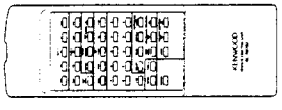
Antenna adaptor(75Ω/300Ω)
..... (1)
(T90-0185-05):E,T



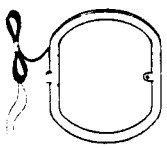
Remote control unit .....(1)
[KR-694,V5560]
A60-0964-05
BATTERY COVER : A09-0170-08

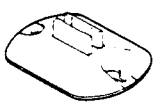


[KR-V6060]
A70-0962-05 : K,P,Y,M,R
A70-0963-05 : E,T
BATTERY COVER : A09-0146-08



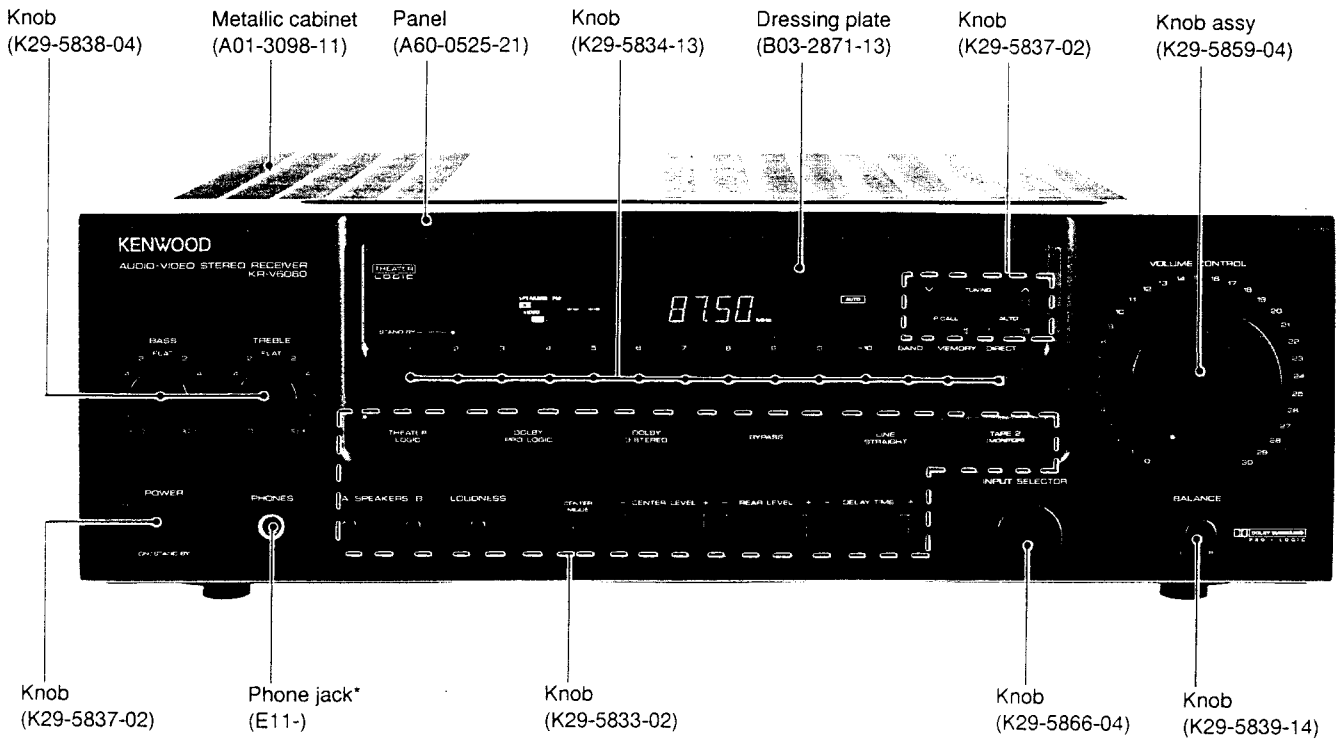
AM loop antenna Assy.....(1)
(T90-0195-05)

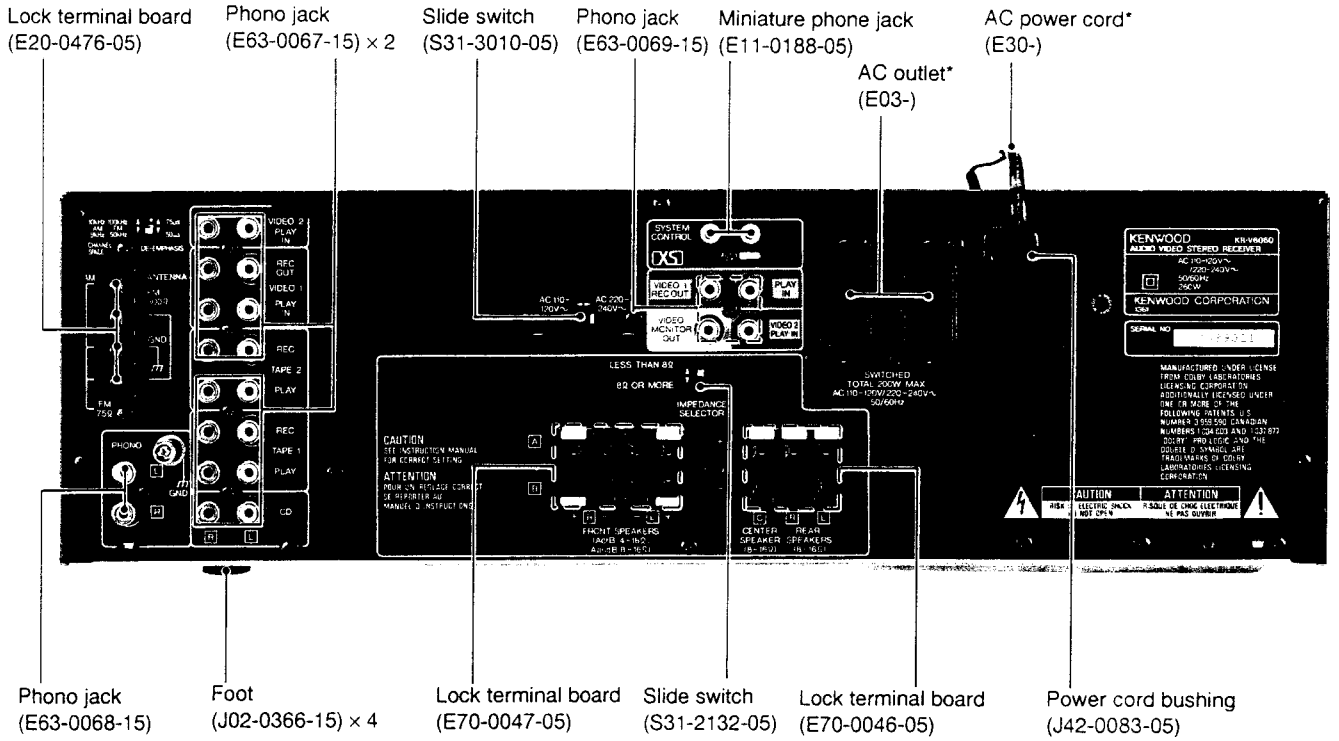




Loop antenna stand
(J19-3645-05)

KR-V6060 M type (Except E,T type)

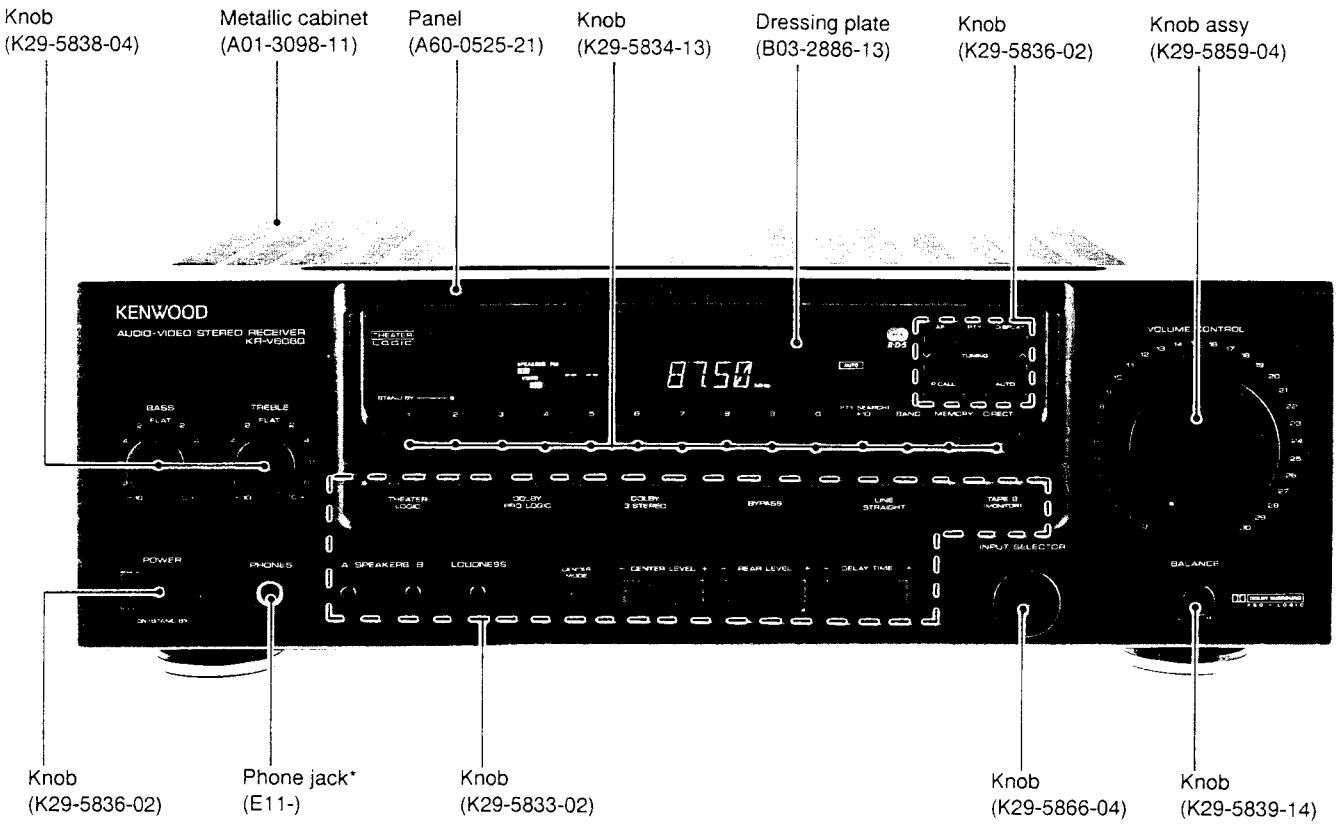


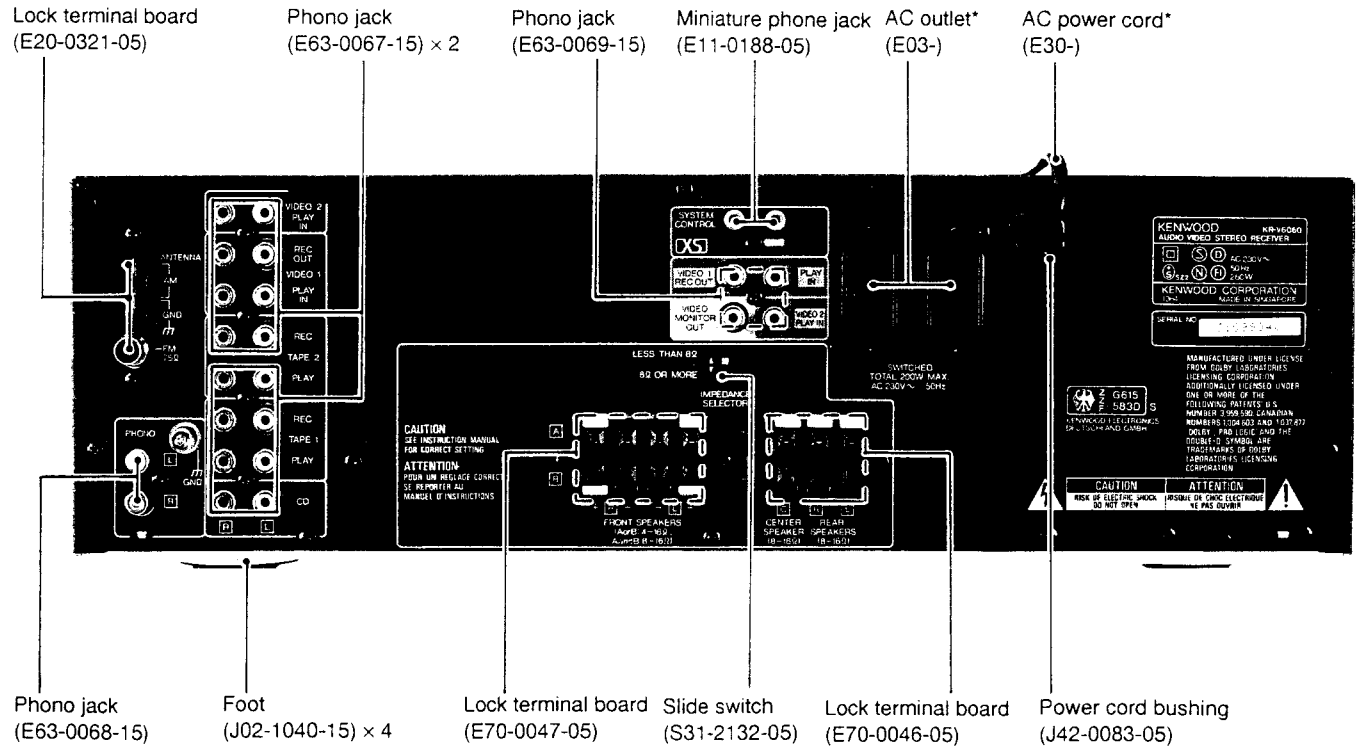


*Refer to parts list on page 51.

KR-694/V5560/V6060

KR-V6060(E,T Type)



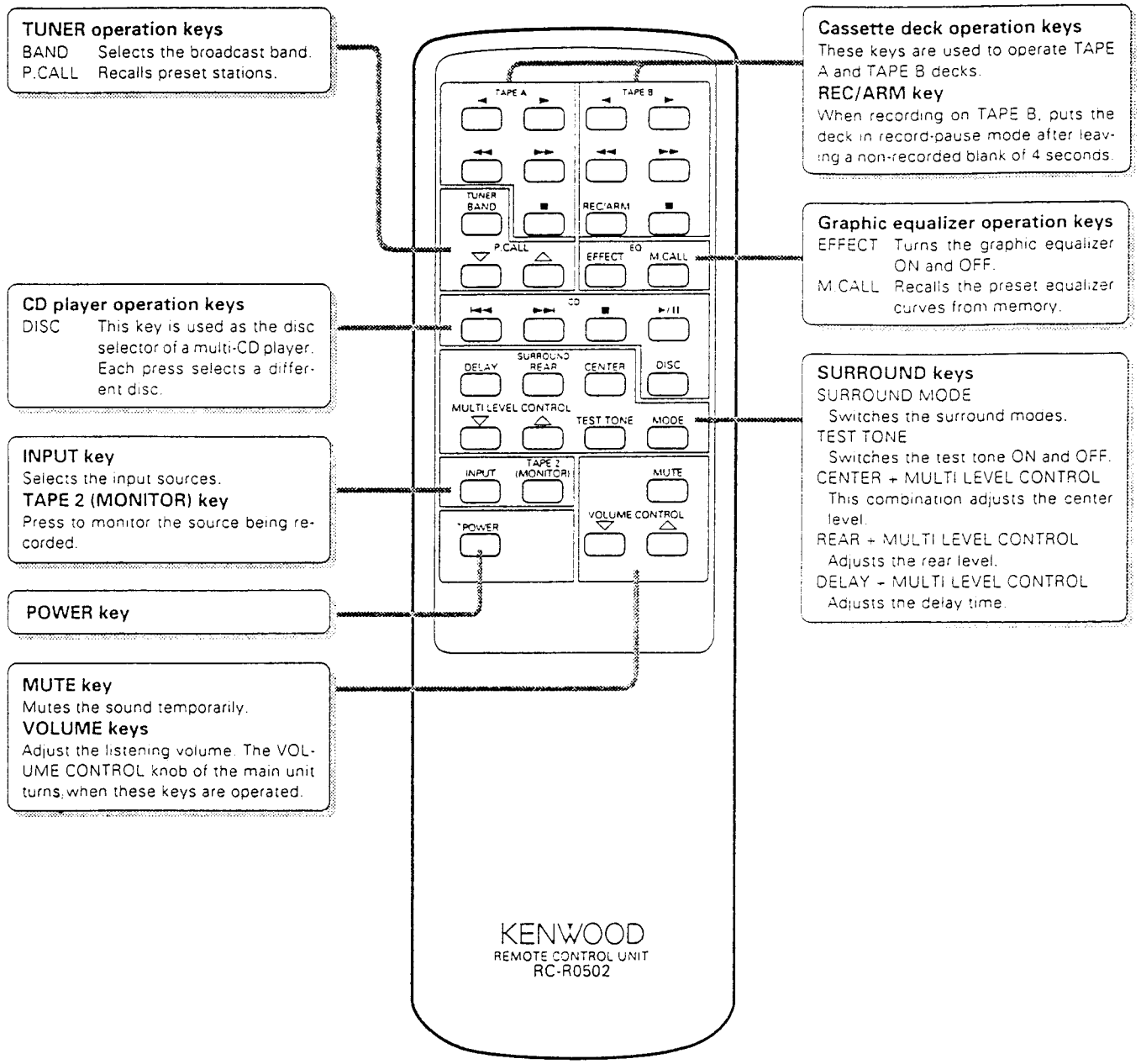


*Refer to parts list on page 51.

KR-694/V5560/V6060

REMOTE CONTROL UNIT

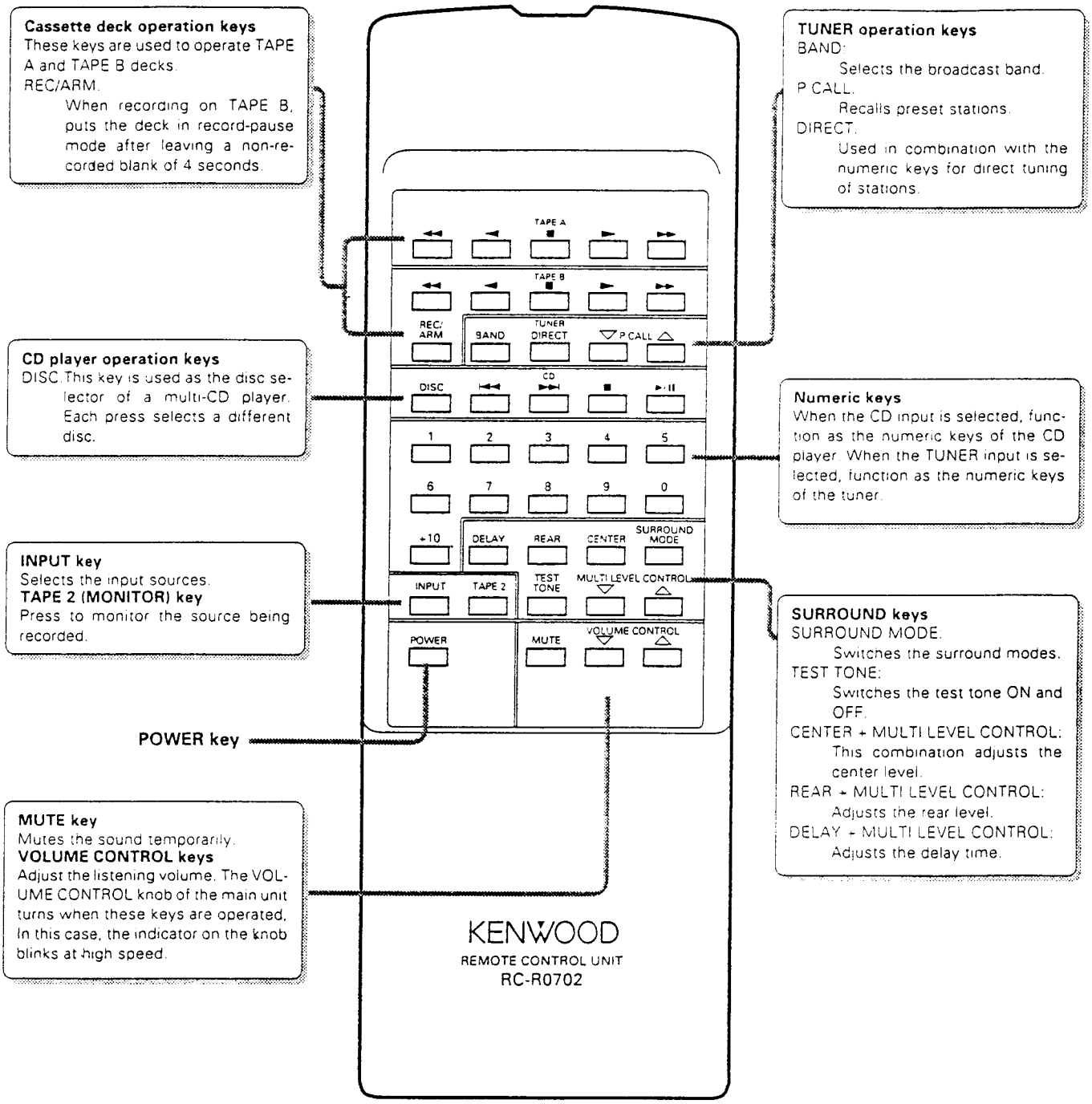
KR-694/V5560



KR-694/V5560/V6060

REMOTE CONTROL UNIT

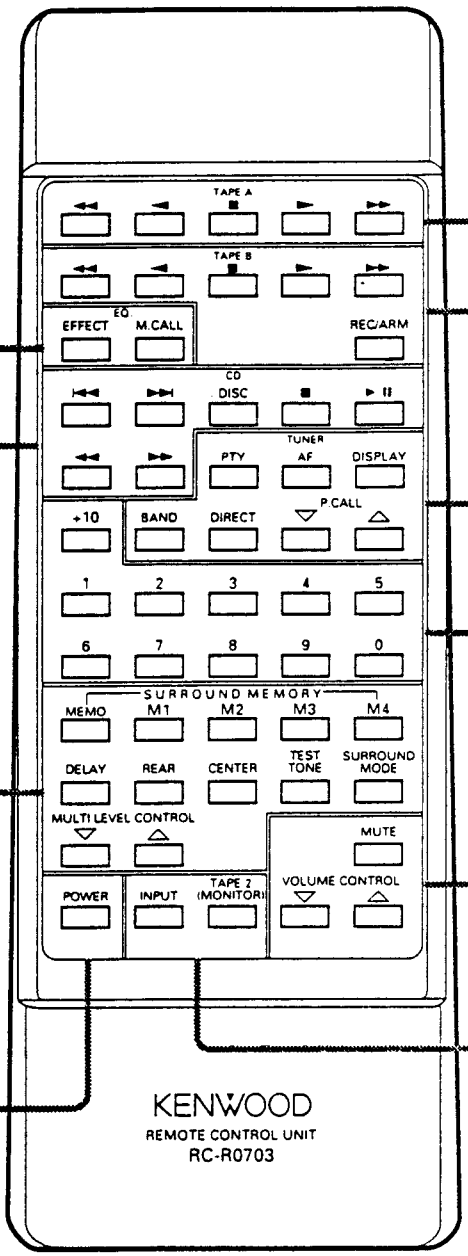
KR-V6060 (Except E,T type)


Cassette deck operation keys
These keys are used to operate TAPE A and TAPE B decks.
REC/ARM.
When recording on TAPE B, puts the deck in record-pause mode after leaving a non-recorded blank of 4 seconds.
CD player operation keys
DISC. This key is used as the disc selector of a multi-CD player. Each press selects a different disc.
INPUT key
Selects the input sources.
TAPE 2 (MONITOR) key
Press to monitor the source being recorded.
POWER key
MUTE key
Mutes the sound temporarily.
VOLUME CONTROL keys
Adjust the listening volume. The VOLUME CONTROL knob of the main unit turns when these keys are operated. In this case, the indicator on the knob blinks at high speed.
TUNER operation keys
BAND:
Selects the broadcast band.
P CALL.
Recalls preset stations.
DIRECT.
Used in combination with the numeric keys for direct tuning of stations.
Numeric keys
When the CD input is selected, function as the numeric keys of the CD player. When the TUNER input is selected, function as the numeric keys of the tuner.
SURROUND keys
SURROUND MODE:
Switches the surround modes.
TEST TONE:
Switches the test tone ON and OFF.
CENTER + MULTI LEVEL CONTROL:
This combination adjusts the center level.
REAR + MULTI LEVEL CONTROL:
Adjusts the rear level.
DELAY + MULTI LEVEL CONTROL:
Adjusts the delay time.
TAPE A
TAPE B
REC/ ARM
BAND
TUNER DIRECT
P CALL
DISC
CD
1 2 3 4 5
6 7 8 9 0
+10
DELAY
REAR
CENTER
SURROUND MODE
INPUT
TAPE 2
TEST TONE
MULTI LEVEL CONTROL
POWER
MUTE
VOLUME CONTROL
KENWOOD
REMOTE CONTROL UNIT
RC-R0702

KR-694/V5560/V6060

REMOT CONTROL UNIT

KR-V6060 (E,T type)



Graphic equalizer operation keys
EFFECT:
Turns the graphic equalizer ON and OFF.
M.CALL:
Recalls the preset equalizer curves from memory.

CD player operation keys
DISC:This key is used as the disc selector of a multi-CD player. Each press selects a different disc.

SURROUND keys
SURROUND MEMORY:
Surround play data can be registered under these keys.
SURROUND MODE:
Switches the surround modes.
TEST TONE:
Switches the test tone ON and OFF.
CENTER + MULTI LEVEL CONTROL:
This combination adjusts the center level.
REAR + MULTI LEVEL CONTROL:
Adjusts the rear level.
DELAY + MULTI LEVEL CONTROL:
Adjusts the delay time.

POWER key

Cassette deck operation keys
These keys are used to operate TAPE A and TAPE B decks.
REC/ARM key
When recording on TAPE B, puts the deck in record-pause mode after leaving a non-recorded blank of 4 seconds.

TUNER operation keys
BAND
Selects the broadcast band.
P.CALL:
Recalls preset stations.
DIRECT:
Used in combination with the numeric keys for direct tuning of stations.
PTY/AF/DISPLAY:
Used in reception of RDS broadcasting.

Numeric keys
When the CD input is selected, function as the numeric keys of the CD player. When the TUNER input is selected, function as the numeric keys of the tuner.

MUTE key
Mutes the sound temporarily.
VOLUME CONTROL keys
Adjust the listening volume. The VOLUME CONTROL knob of the main unit turns when these keys are operated. In this case, the indicator on the knob blinks at high speed.

INPUT key
Selects the input sources.
TAPE 2 (MONITOR) key
Press to monitor the source being recorded.

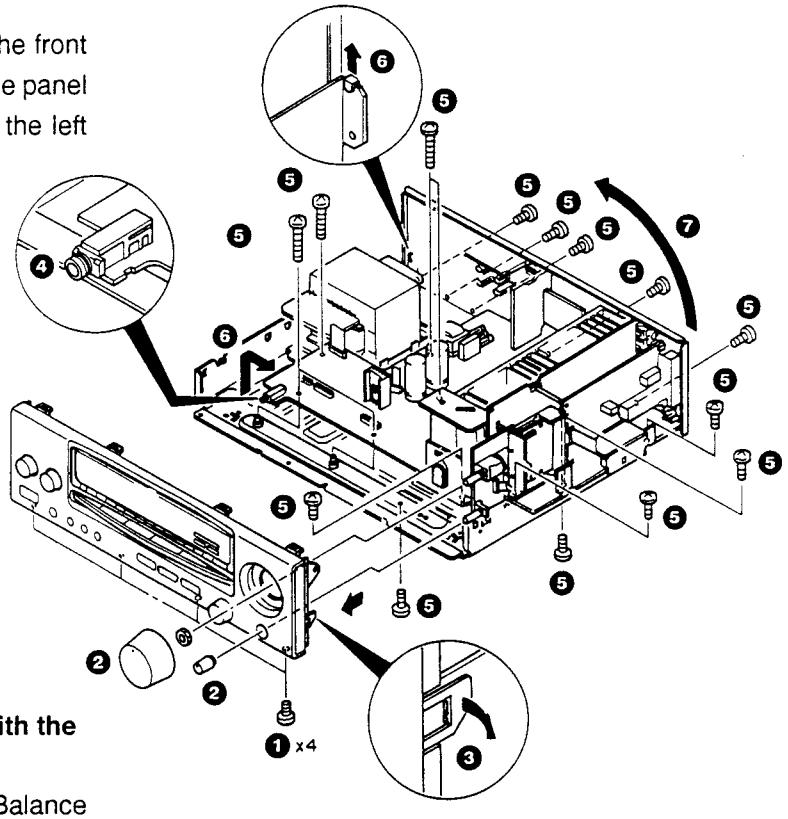
KR-694/V5560/V6060

DISASSEMBLY FOR REPAIR

Remove the upper case in advance.

1. How to remove the front panel

Remove the four screws (❶) at the bottom of the front panel and the volume knob and nut. Remove the panel forward while removing the Balance knob (❷) the left and right tabs (❸).

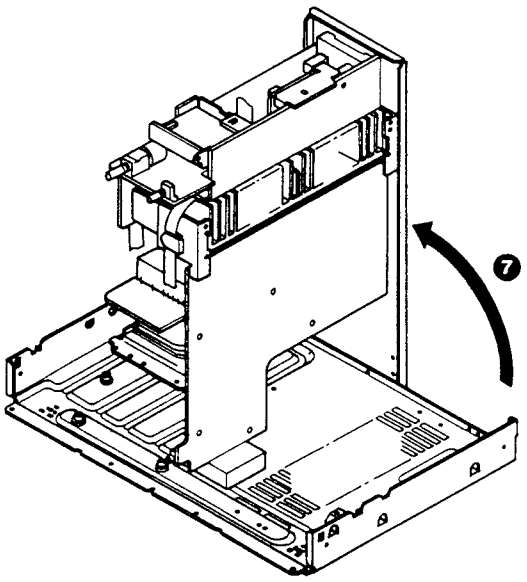


2. How to remove the main circuit board (with the front panel attached)

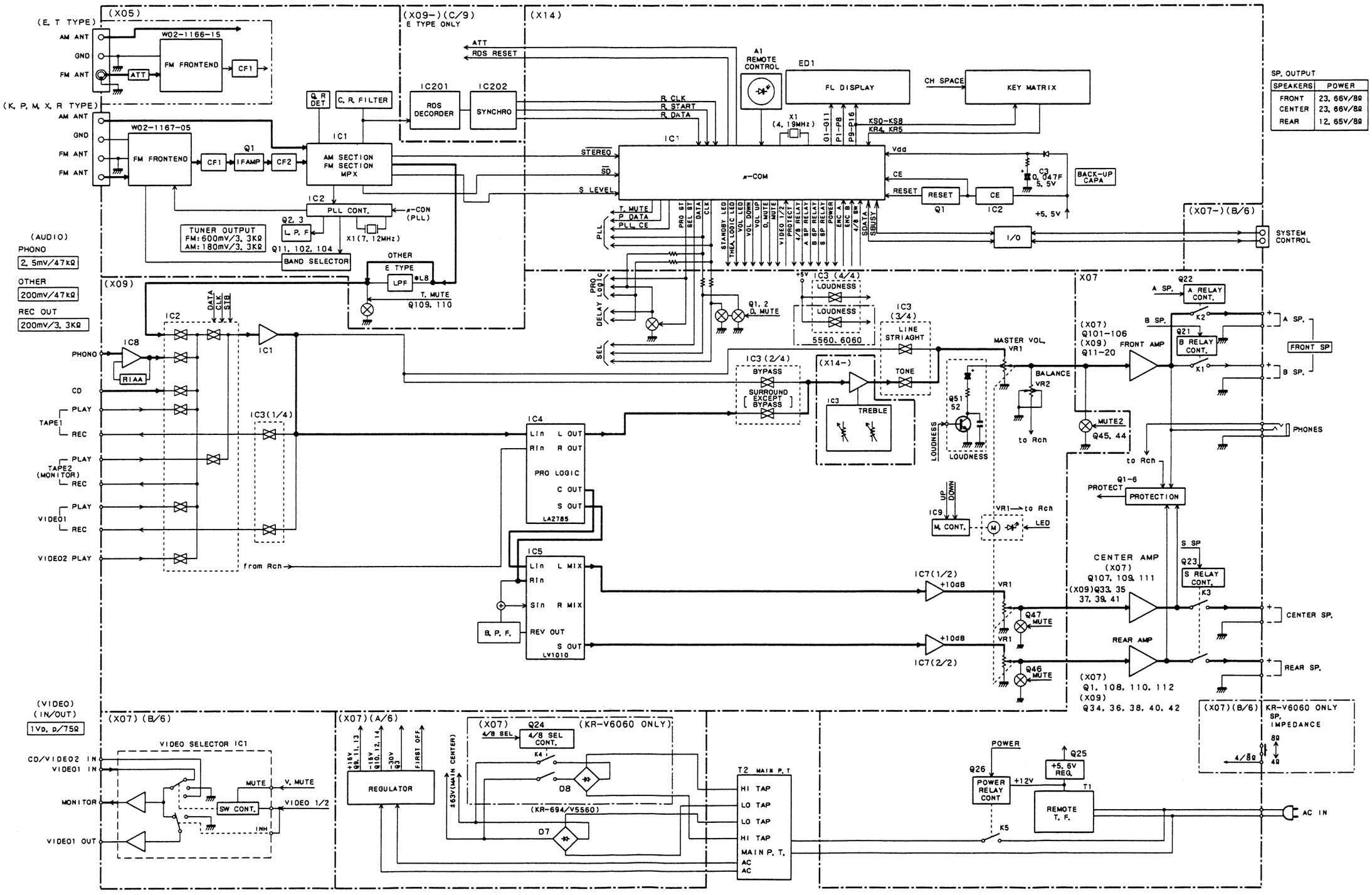
Remove the Volume knob and nut, and the Balance knob (❷). Next remove the 16 screws (❸) and remove the main PCB from the main chassis.

When removing, lift up the main PCB, move it right, lift it up in direction (❼) while being careful not to contact the transformer PCB, and stand it up as shown in the diagram below.

If the main PCB is unstable, insert a spacer (❽) as needed near the PHONES jack.



BLOCK DIAGRAM



KR-694/V5560/V6060
CIRCUIT DESCRIPTION

1. Function description

TUNER

	KR-694	KR-V5560	KR-V6060	KR-V7060	KR-V8060
20 ch RANDOM PRESET	○	○	○	○	○
Tuning control by IF count	○	○	○	○	○
Direct selection	○	○	○	○	○
RDS function (E, T type only)			○	○	

○: FUNCTION NO mark: NO FUNCTIOIN

AMP

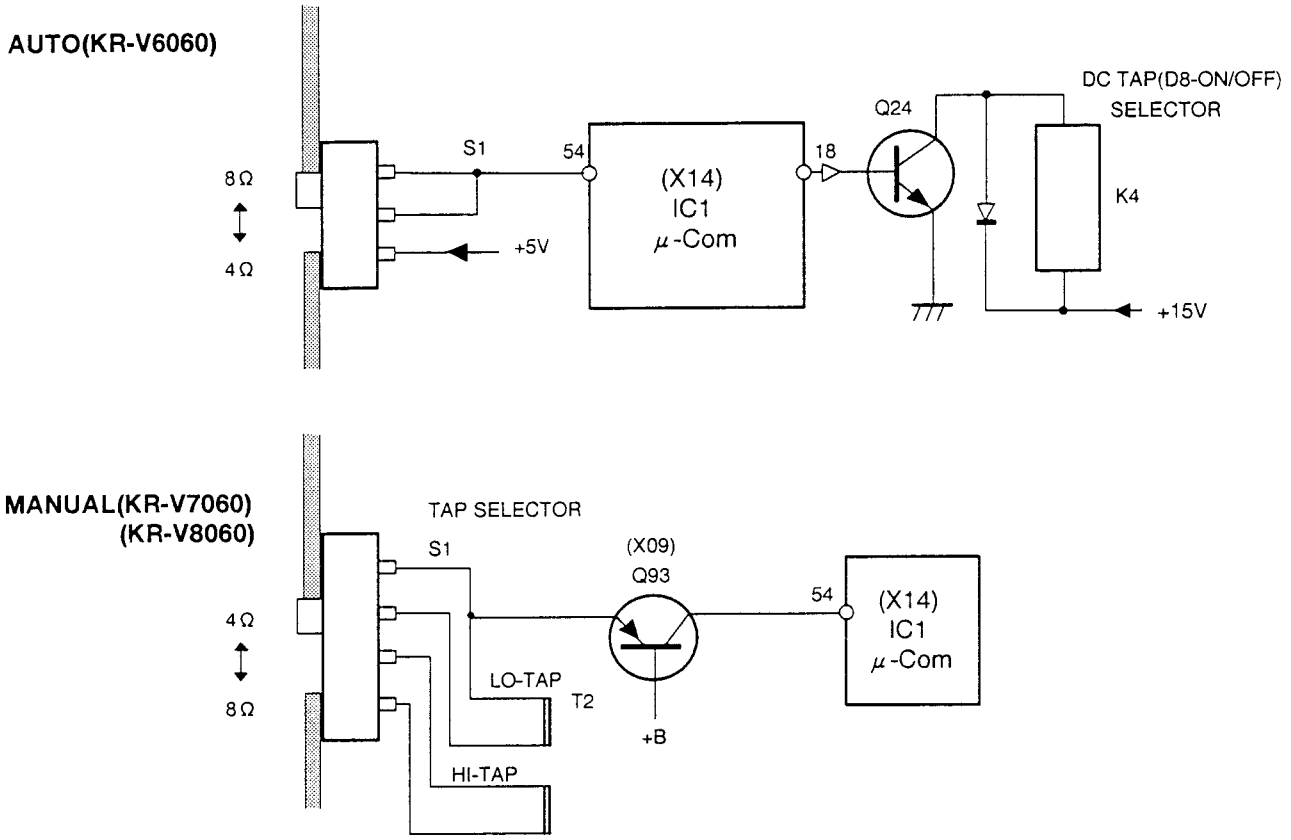
	KR-694	KR-V5560	KR-V6060	KR-V7060	KR-V8060
① INPUT SELECTOR TAPE 2 ON TAPE 2 OFF (CD, TUNER, PHONO, TAPE 1, VIDEO 1, VIDEO 2)	○	○	○	○	○
② VIDEO SELECTOR VIDEO 1 VIDEO 2	○	○	○	○	○
③ LINE STRAIGHT	○	○	○	○	
④ SURROUND MODE: PRO LOGIC(NOR, WIDE, PHANTOM) 3 STEREO	○	○	○	○	○
④ SURROUND MODE: THEATER LOGIC			○	○	
④ SURROUND MODE: DSP LOGIC DSP (ARENA, JAZZ CLUB, STADIUM)					○
⑤ SURROUND MEMORY (M1 ~ M4) SURROUND MODE CENTER MODE DELAY TIME CENTER LEVEL			○ (E, T type only)	○ (E, T type only)	
⑥ SPEAKER A/B SELECT	○	○	○	○	○
✳ ⑦ IMPEADANC SELECTOR (4/8Ω)			○ (AUTO)	○ (MANUAL)	○ (MANUAL)

○: FUNCTION No Mark: NO FUNCTION

KR-694/V5560/V6060

CIRCUIT DESCRIPTION

✳⑦ INPEDANCE SELECTOR (4/8 Ω)



AUTO (KR-V6060 only)

Speaker IMPEDANCE SELECTOR

Set the IMPEDANCE SELECTOR switch on the rear panel according to the impedance of the front speakers used. The center and rear speakers should have impedances from 8 to 16 ohms regardless of the position of this switch.

For surround play		For non-surround play	
Front speaker impedance	Selector position	Front speaker impedance	Selector position
A or B speakers 4Ω ~ 6Ω	LESS THAN 8Ω / 8Ω OR MORE — IMPEDANCE SELECTOR	A or B speakers 4Ω ~ 6Ω	LESS THAN 8Ω / 8Ω OR MORE — IMPEDANCE SELECTOR
A or B speakers 8Ω ~ 16Ω	LESS THAN 8Ω / 8Ω OR MORE — IMPEDANCE SELECTOR	A or B speakers 8Ω ~ 16Ω A and B speakers 8Ω ~ 16Ω	LESS THAN 8Ω / 8Ω OR MORE — IMPEDANCE SELECTOR

- It is not possible to use both A and B speaker systems for surround play.
- It is not possible to use both A and B speaker systems if speakers have impedances from 4 ohms to 6 ohms.

CIRCUIT DESCRIPTION

2. Conditions according to the destination and model

TUNER

Destination	DIODE SW			BAND	Receiving Remarks	Channel Space	IF	Reference Frequency
	DSW2 D33	DSW1 D34	DSW0 D35					
K1 (1700)	0	0	0	FM	87.5 MHz ~ 108.0 MHz	100 kHz	+ 10.7 MHz	50 kHz
				AM	530 kHz ~ 1700 kHz	10 kHz	+ 450 kHz	10 kHz
K2 (1610)	0	0	1	FM	87.5 MHz ~ 108.0 MHz	100 kHz	+ 10.7 MHz	50 kHz
				AM	530 kHz ~ 1610 kHz	10 kHz	+ 450 kHz	10 kHz
E1	0	1	1	FM	87.5 MHz ~ 108.0 MHz	50 kHz	+ 10.7 MHz	50 kHz
				AM	531 kHz ~ 1602 kHz	9 kHz	+ 450 kHz	9 kHz
E3 (RDS)	1	0	1	FM	87.5 MHz ~ 108.0 MHz	50 kHz	+ 10.7 MHz	50 kHz
				AM	531 kHz ~ 1602 kHz	9 kHz	+ 450 kHz	9 kHz
M	0	X	1	K2/E1 changes by only setting "DSW1". (DSW1 = 0: K2 Type, 1: E1 type)				

* DIODE SW (DSWX): 0 = Without DIODE (when static, input LOW)
1 = With DIODE (when static, input HIGH)
X = TRANSISTOR SW (0 = OFF 1 = ON)

AMP

MODEL	DIODE SW / Ref. No.	DSW 4 D31	DSW 3 D32	Surround function	IMPEDANCE SELECTOR (4/8Ω)
KR-694/V5560		0	0	PRO-LOGIC, 3 STEREO	
KR-V6060		0	1	PRO-LOGIC, 3 STEREO, THEATER LOGIC	AUTO
KR-V7060		1	0	PRO-LOGIC, 3 STEREO, THEATER LOGIC	MANUAL
KR-V8060		1	1	PRO-LOGIC, 3 STEREO, DSP LOGIC, DSP.	MANUAL

0: NO DIODE 1: ADD DIODE

CIRCUIT DESCRIPTION

3. Function initial setting

① POWER OFF

② AMP system

- AUDIO SELECTOR — TUNER
- IMAGE SELECTOR — VIDEO 1
- SPEAKER A — ON
- SPEAKER B — OFF
- TAPE 2 MONITOR — OFF
- LINE STRAIGHT — OFF
- LOUDNESS — OFF

③ TUNER system

- BAND — FM
- FREQUENCY — Lower limit of FM (87.5 MHz)
- TUNING MODE — AUTO TUNING (AUTO STEREO)
- P. CH DISPLAY — ——ch

④ SURROUND system

- MODE — BYPASS (OFF)
- CENTER LEVEL — 0 dB
- REAR LEVEL — 0 dB
- PROLOGIC MODE — NORMAL
- 3 STEREO MODE — NORMAL
- DSP MODE — ARENA
- PRESENCE LEVEL:
  - DSP — −0 dB
  - DSP LOGIC (KR-V8060 ONLY) — −0 dB
  - THEATER LOGIC — −4 dB
- DELAY TIME:
  - DOLBY PROLOGIC — 20 ms
  - DSP — 30 ms
  - DSP LOGIC (KR-V8060 ONLY) — 40 ms
  - THEATER LOGIC — 30 ms

⑤ TEST PRESET FREQUENCY

	K1 TYPE	K2 TYPE	E TYPE
01 ch	FM 98.00 MHz	FM 98.00 MHz	FM 98.00 MHz
02 ch	FM 108.00 MHz	FM 108.00 MHz	FM 108.00 MHz
03 ch	AM 630 kHz	AM 630 kHz	AM 630 kHz
04 ch	AM 990 kHz	AM 990 kHz	AM 990 kHz
05 ch	AM 1440 kHz	AM 1440 kHz	AM 1440 kHz
06 ch	AM 1610 kHz	AM 1610 kHz	AM 1602 kHz
07 ch	AM 1700 kHz	FM 87.50 MHz	FM 87.50 MHz
08 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
09 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
10 ch	FM 89.10 MHz	FM 89.10 MHz	FM 89.10 MHz
11 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
12 ch	FM 90.00 MHz	FM 90.00 MHz	FM 90.00 MHz
13 ch	FM 106.00 MHz	FM 106.00 MHz	FM 106.00 MHz
14 ch	AM 530 kHz	AM 530 kHz	AM 531 kHz
15 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
16 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
17 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
18 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
19 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz
20 ch	FM 87.50 MHz	FM 87.50 MHz	FM 87.50 MHz

The initial setting is performed in a following event:

1. **When backup memory data is destroyed when reset is applied to the microprocessor.**
2. **When the power cord is plugged in to the AC wall outlet while pressing the POWER key.**

4. TEST MODE

Setting method

Plug the power cord in the AC electrical outlet while depressing the "TUNING DOWN" key.

Cancellation method

Unplug the power cord from the AC electrical outlet.

Contents

① Starting the main unit test mode

When plug the power cord in the outlet while depressing the "TUNING DOWN" key, the test mode is entered which uses the main unit keys. At this time the following three actions occur:

- The power comes ON automatically.
- The fluorescent display and all LEDs illuminate.
- All conditions except POWER ON/OFF are initialized.

The all-illuminated state is cleared by pressing any main unit key. Also, any conditions changed during test mode are reinitialized when the test mode is cleared (by turning the AC power supply OFF).

② Automatic motor VR UP/DOWN (AMP)

Operating the "TAPE 2" key actuates the motor VR as follows: 16 seconds UP → 16 seconds DOWN → STOP. Accordingly, "TAPE 2 MONITOR" switching cannot be done during the main unit test mode.

③ Mute signal output (AMP)

No Selector MUTE (MUTE 1) control regulation is done whatsever.

④ 0 ~ 9, +10 testmode (TUNER)

a) When the +10 key is not operated, channels 1 through 9 (1 ~ 9 keys) and channel 10 (0 key) can be called.
b) When the +10 key is operated once, channels 11 through 19 (1 ~ 9 keys) and channel 20 (0 key) can be called.
c) When the +10 key is operated once more, the condition returns to that of a) above: "when the +10 key is not operated."

⑤ Operations that can only be done by remote control

a) AMP system: NONE
b) TUNER system: NONE
c) SURROUND system

"P. CH CALL" key: Same operation as the "CENTER MODE" key.

"DIRECT" key: Same operation as "TEST TONE" key.

- Naturally enugh, "P. CH CALL" "DIRECT" operation cannot be carried out.

⑥ During the test mode, because there is no 4/8 switching input status display, the fluorescent "SPEAKERS" display is substituted instead.

(4/8 = Light on/Light off) As a result, please be careful concerning illumination of "SPEAKERS" during the test mode.

⑦ Cancellating the main unit test mode

When the power cord unplug in the AC outlet during the main unit test mode, the test mode is cancelled and the initial condition restored.

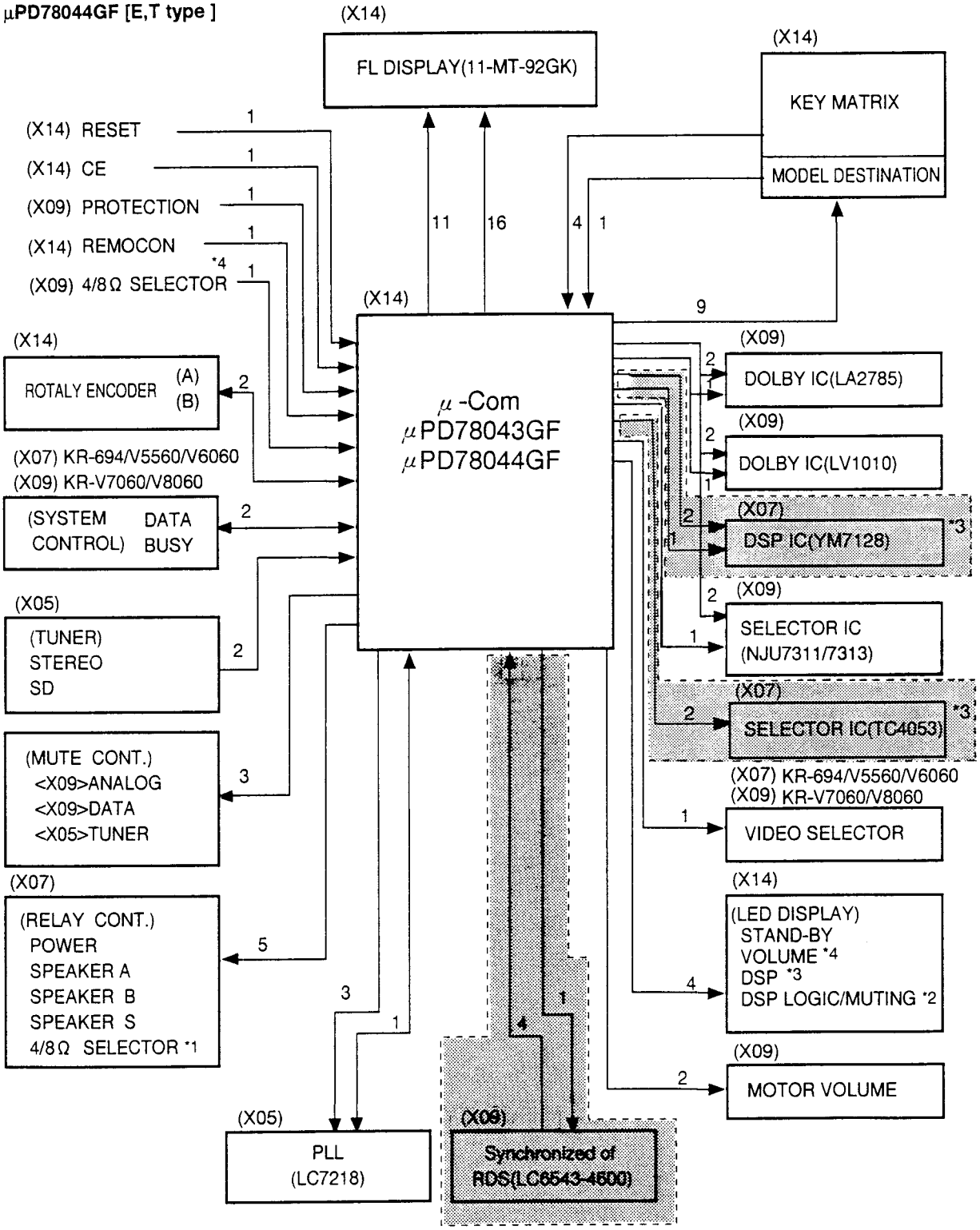
KR-694/V5560/V6060

CIRCUIT DESCRIPTION

5.Microprocessor : μPD78043GF/μPD78044GF (X14 : IC1)

① Microprocessor periphery block diagram

μPD78043GF [K,P,M,X,Y type]
μPD78044GF [E,T type]



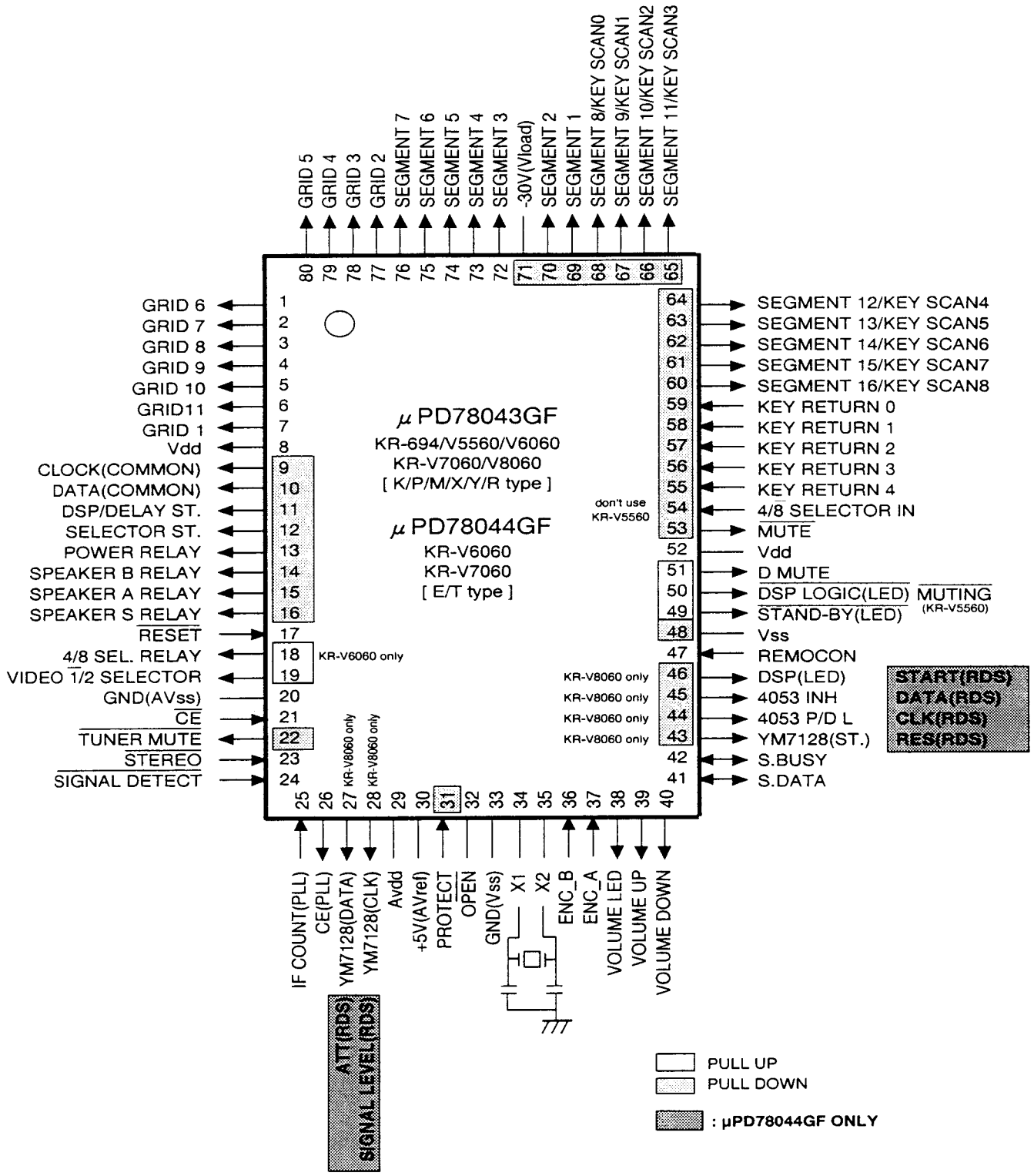
*1 : KR-V6060 only
*2 : Usually, DSP LOGIC(LED) , MUTING(LED) when KR-V5560.
*3 : KR-V8060 only
*4 : Unused for KR-V5560.

: μPD78044GF ONLY

CIRCUIT DESCRIPTION

② Port layout

μPD78043GF [K,P,M,X,Y type]
μPD78044GF [E,T type]



KR-694/V5560/V6060

CIRCUIT DESCRIPTION

③ Pin description

For pin numbers marked by an asterisk(*) the upper row is μPD78043GF and the lower ( ) row is μPD78044GF.

Pin No.	μ-Com No.	Port I/O	Name	Description		
1		OUT	GRID 6	FL Grid 6		
2		OUT	GRID 7	FL Grid 7		
3		OUT	GRID 8	FL Grid 8		
4		OUT	GRID 9	FL Grid 9		
5		OUT	GRID 10	FL Grid 10		
6		OUT	GRID 11	FL Grid 11		
7		OUT	GRID 1	FL Grid 1		
8		-	Vdd	Microprocessor power supply		
9		OUT	CLOCK (COMMON)	Clock for control IC (ANALOG SW/PLL IC/DSP)		
10		OUT	DATA (COMMON)	Data for control IC (ANALOG SW/PLL IC/DSP)		
11		OUT	DSP/DELAY ST.	DSP IC Strobe for control (LA2785/LV1010)		
12		OUT	SELECTOR ST.	Strobe for control selector IC		
13		OUT	POWER RELAY	Power relay control	H: POWER ON	L: POWER OFF
14		OUT	SPEAKER B RELAY	Speaker B relay control	H: SP B ON	L: SP B OFF
15		OUT	SPEAKER A RELAY	Speaker A relay control	H: SP A ON	L: SP A OFF
16		OUT	SPEAKER S RELAY	Surround speaker relay control	H: SP S ON	L: SP S OFF
17		IN	$\overline{\text{RESET}}$	Microprocessor reset		
18		OUT	4/8 CHANGEOVER RELAY	TAP control (KR-V6060 only)	H: HIGF TAP	L: LOW TAP
19		OUT	VIDEO 1/2 SELECTOR	VIDEO Selector	H: VIDEO 2	L: VIDEO 1
20		-	AVss	A/D power supply(GND)		
21		IN	CE	Microprocessor CE		
22		OUT	$\overline{\text{TUNER MUTE}}$	TUNER MUTE control	H: MUTE OFF	L: MUTE ON
23		IN	$\overline{\text{STEREO}}$	Stereo signal detection	H: MONORAL	L: STEREO
24		IN	$\overline{\text{SIGNAL DETECT}}$	Synchronized signal detection	H: NO TUNED	L: TUNED
25		IN	IF COUNT(PLL)	IF COUNT Data (PLL DO)		
26		OUT	CE(PLL)	PLL CE		
*27	μPD78043GF	OUT	YM7128(DATA)	DSP IC Data for control		
*27	μPD78044GF	OUT	ATT(RDS)	Atineter control		
*28	μPD78043GF	OUT	YM7128(CLK)	DSP IC Clock for control		
*28	μPD78044GF	OUT	SIGNAL LEVEL(RDS)	SIGNAL LEVEL (A/D)		
29		-	AVdd	A/D Power supply		
30		-	AVref	A/D Reference voltage (+5V)		
31		IN	PROTECT	Protection detection	H: PROTECTION	L: NORMAL
32		-	OPEN			
33		-	Vss	Microprocessor power supply(GND)		
34		IN	X1	4.19 MHz Oscillator		
35		OUT	X2	4.19 MHz Oscillator		
36		IN	ENC_B	Encoder input B		
37		IN	ENC_A	Encoder input A		
38		OUT	VOLUME LED	VOLUME LED control	H: LED OFF	L: LED ON
39		OUT	VOLUME UP	MOTOR VOLUME control (UP)		
40		OUT	VOLUME DOWN	MOTOR VOLUME control (DOWN)		
41		I/O	S.DATA	8 bit system DATA		

CIRCUIT DESCRIPTION

For pin numbers marked by an asterisk(*) the upper row is μPD78043GF and the lower ( ) row is μPD78044GF.

Pin No.	μ-Com No.	Port I/O	Name	Description		
42		I/O	S.BUSY	8 bit system BUSY		
*43	μPD78043GF	OUT	YM7128(ST.)	DSP IC Strobe for control		
*43	μPD78044GF	OUT	RES(RDS)	RDS Reset		
*44	μPD78043GF	OUT	4053 P/D L	TC4053 Control pin		
*44	μPD78044GF	OUT	CLK(RDS)	RDS Clock		
*45	μPD78043GF	OUT	4053 INH	TC4053 Control pin		
*45	μPD78044GF	OUT	DATA(RDS)	RDS Data		
*46	μPD78043GF	OUT	DSP(LED)	DSP LED Control	H: LED ON	L: LED OFF
*46	μPD78044GF	OUT	START(RDS)	RDS Start		
47		IN	REMOCON	Remote control input		
48		-	GND			
49		OUT	STAND-BY(LED)	STAND-BY LED Control	H: LED OFF	L:LED ON
50		OUT	DSP LOGIC(LED)	DSP LOGIC LED Control	H: LED OFF	L: LED ON
51		OUT	D MUTE	DATA MUTE		
52		-	Vdd	Microprocessor power supply		
53		OUT	$\overline{\text{MUTE}}$	Selector MUTE control	H: MUTE OFF	L: MUTE ON
54		IN	4/$\overline{8}$ SELECTOR IN	Speaker inpedance changeover	H: 4Ω	L: 8Ω
55		IN	KEY RETURN 4	Key return 4		
56		IN	KEY RETURN 3	Key return 3		
57		IN	KEY RETURN 2	Key return 2		
58		IN	KEY RETURN 1	key return 1		
59		IN	KEY RETURN 0	Key return 0		
60		OUT	SEGMENT 16	FL Segment 16/key scan 8		
61		OUT	SEGMENT 15	FL Segment 15/key scan 7		
62		OUT	SEGMENT 14	FL Segment 14/key scan 6		
63		OUT	SEGMENT 13	FL Segment 13/key scan 5		
64		OUT	SEGMENT 12	FL Segment 12/key scan 4		
65		OUT	SEGMENT 11	FL Segment 11/key scan 3		
66		OUT	SEGMENT 10	FL Segment 10/key scan 2		
67		OUT	SEGMENT 9	FL Segment 9/key scan 1		
68		OUT	SEGMENT 8	FL Segment 8/key scan 0		
69		OUT	SEGMENT 1	FL Segment 1		
70		OUT	SEGMENT 2	FL Segment 2		
71		-	Vload	FL Driver power supply(- 30V)		
72		OUT	SEGMENT 3	FL Segment 3		
73		OUT	SEGMENT 4	FL Segment 4		
74		OUT	SEGMENT 5	FL Segment 5		
75		OUT	SEGMENT 6	FL Segment 6		
76		OUT	SEGMENT 7	FL Segment 7		
77		OUT	GRID 2	FL Grid 2		
78		OUT	GRID 3	FL Grid 3		
79		OUT	GRID 4	FL Grid 4		
80		OUT	GRID 5	FL Grid 5		

KR-694/V5560/V6060

ADJUSTMENT

[FM,AM SECTION : E,T Type ONLY]

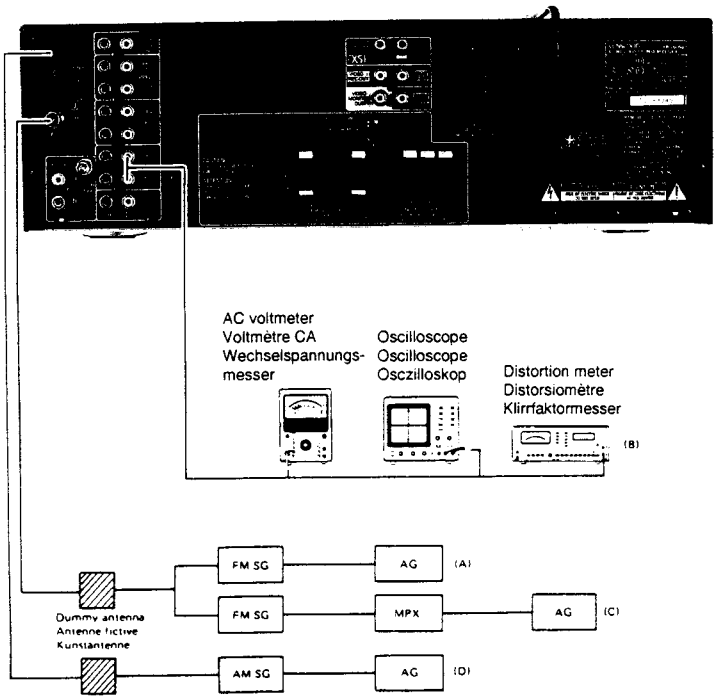
No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	TUNER SETTINGS	ALIGNMENT POINT	ALIGN FOR	FIG.
FM SECTION		**SELECTOR : FM**					
1	DISCRIMINATOR	(A) 98.0MHz 1kHz,±75kHz dev 60dBμ(ANT input)	Connect a DC voltmeter between TP3 and TP4.	AUTO or MONO 98.0MHz	L3 (X05-) L4 (X05-)	0V Minimum distortion	(a)
2	DISTORTION (STEREO)	(C) 98.0MHz 1kHz,±68.25kHz dev Selector: L or R Pilot : ±6.75kHz dev 60dBμ(ANT input)	(B)	98.0MHz	IFT (W02-)	Mimum distortion. (L or R)	
3	SEPARATION	(C) 98.0MHz Stereo signal 60dBμ(ANT input)	(B)	AUTO 98.0MHz	VR3 (X05-)	Minimum crosstalk	
4	TUNING LEVEL	(A) 98.0MHz 0dev 14dBμ(ANT input)75Ω 18dBμ(ANT input)30Ω	(B)	AUTO or MONO 98.0MHz	VR1 (X05-)	Adjust VR1 and stop at the point where ED1(TUNED) goes on.	
AM SECTION		**SELECTOR : AM**					
(1)	TUNING LEVEL	(D) 1008kHz 20dBμ(ANT input)	(B)	1008kHz	VR2 (X05-)	Adjust VR2 and stop at the point where ED1(TUNED) goes on.	

[COMMON]

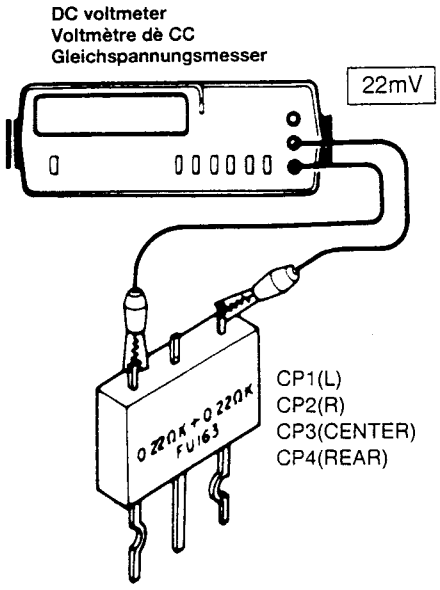
No.	ITEM	INPUT SETTINGS	OUTPUT SETTINGS	AMPLIFIER SETTINGS	ALIGNMENT POINT	ALIGN FOR	FIG.
AUDIO SECTION							
< 1 >	IDLE CURRENT	-	(E) Connect a DC voltmeter across CP1(L) CP2(R) CP3(CENTER) CP4(REAR)	Volume:0	VR1(L) VR2(R) VR3(CENTER) VR4(REAR) (X07-)	22mV	(b)
POWER : ON		**SELECTOR : CD(NO SIGNAL)**		**SURROUND : PRO LOGIC**			
< 2 >	PRO LOGIC S-OUT NOISE LEVEL	Short between TP6 and TP7 (B/5), between TP10 and TP11 (E/5). (X09-)	Connect a oscilloscope at Rear sp L or R. (Connect load with Rear sp L or R.)	Volume:MAX REAR LEVEL:MAX	VR3 (X09-)(E/5)	Minimum noise level (fig. Ⓒ point of (c).	(c)

ADJUSTMENT

(a)



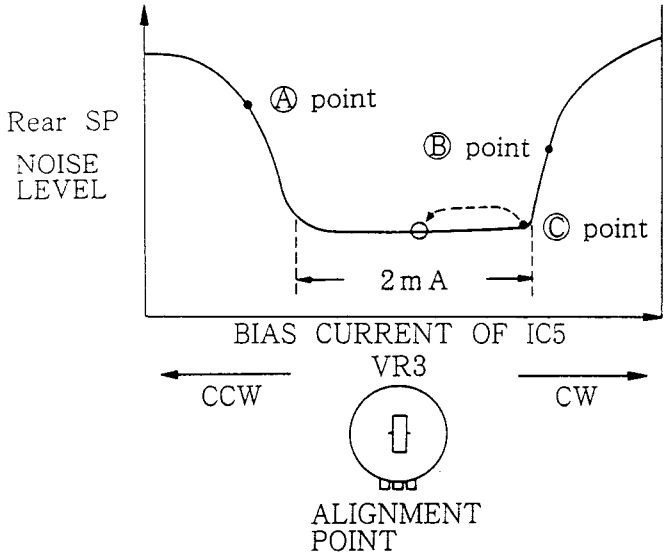
(b) **System connections/Reccordements du système/System-Anschlusse**



(E)

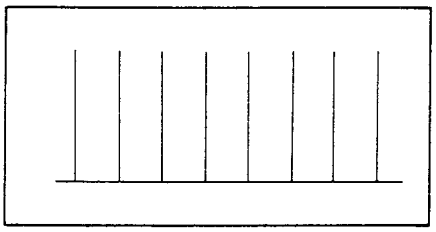
ADJUSTMENT

(c)

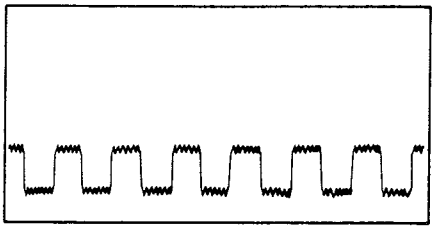


[Procedure]

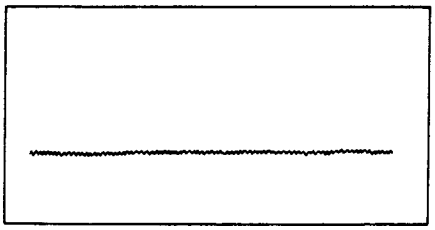
1) Ⓐ point



2) Ⓑ point

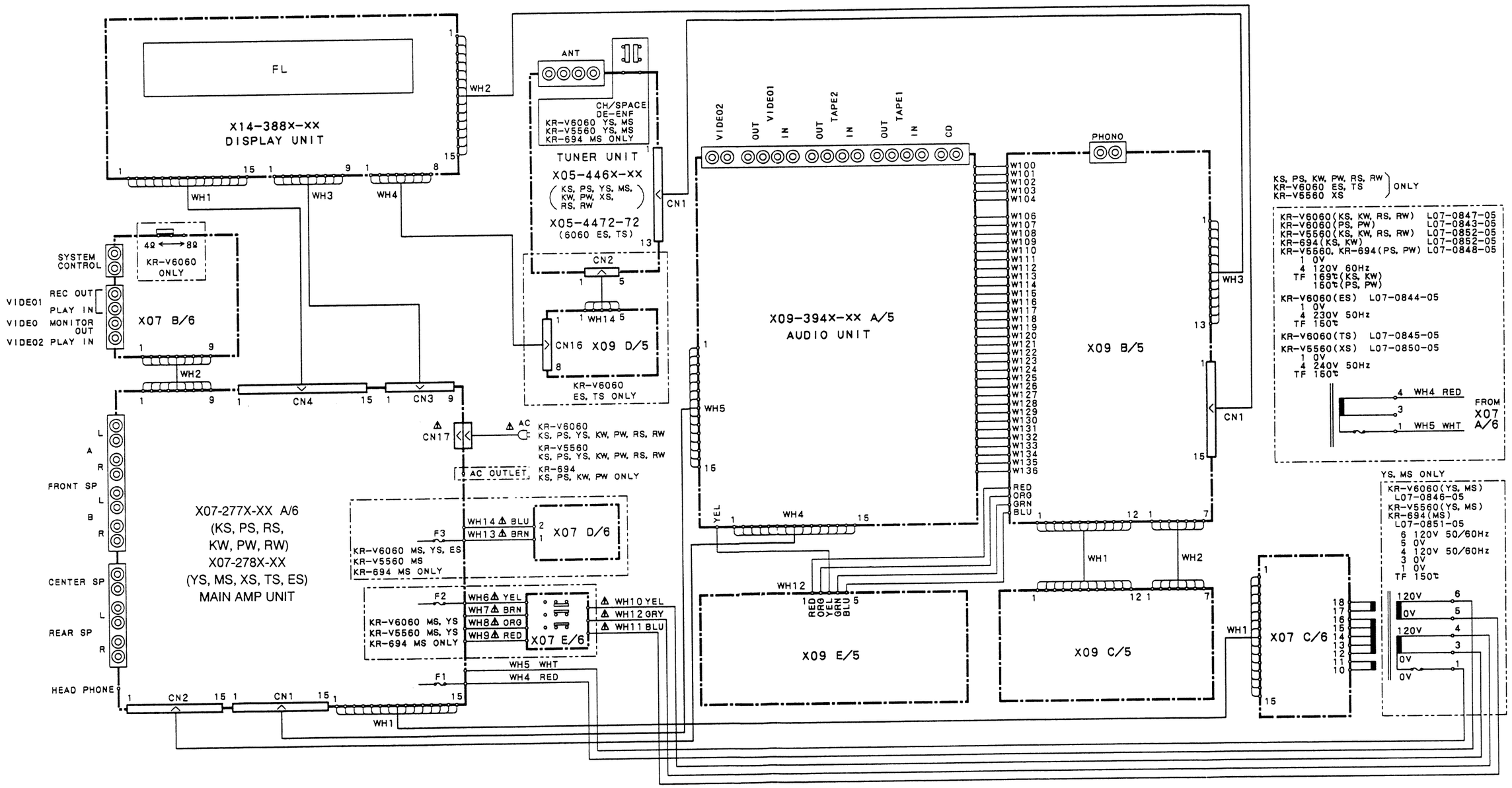


3) Ⓒ point (Minimum noise level)



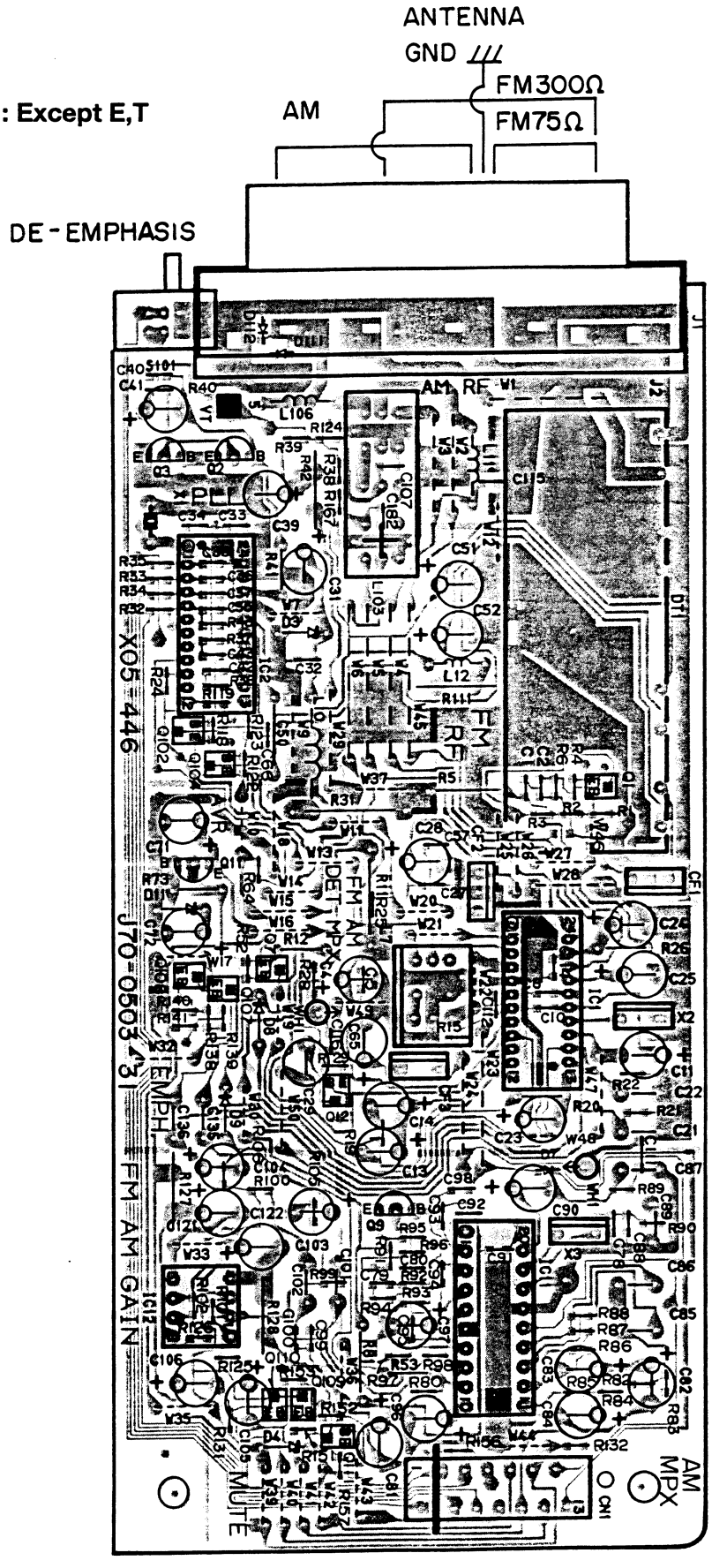
KR-694/V5560/V6060

WIRING DIAGRAM



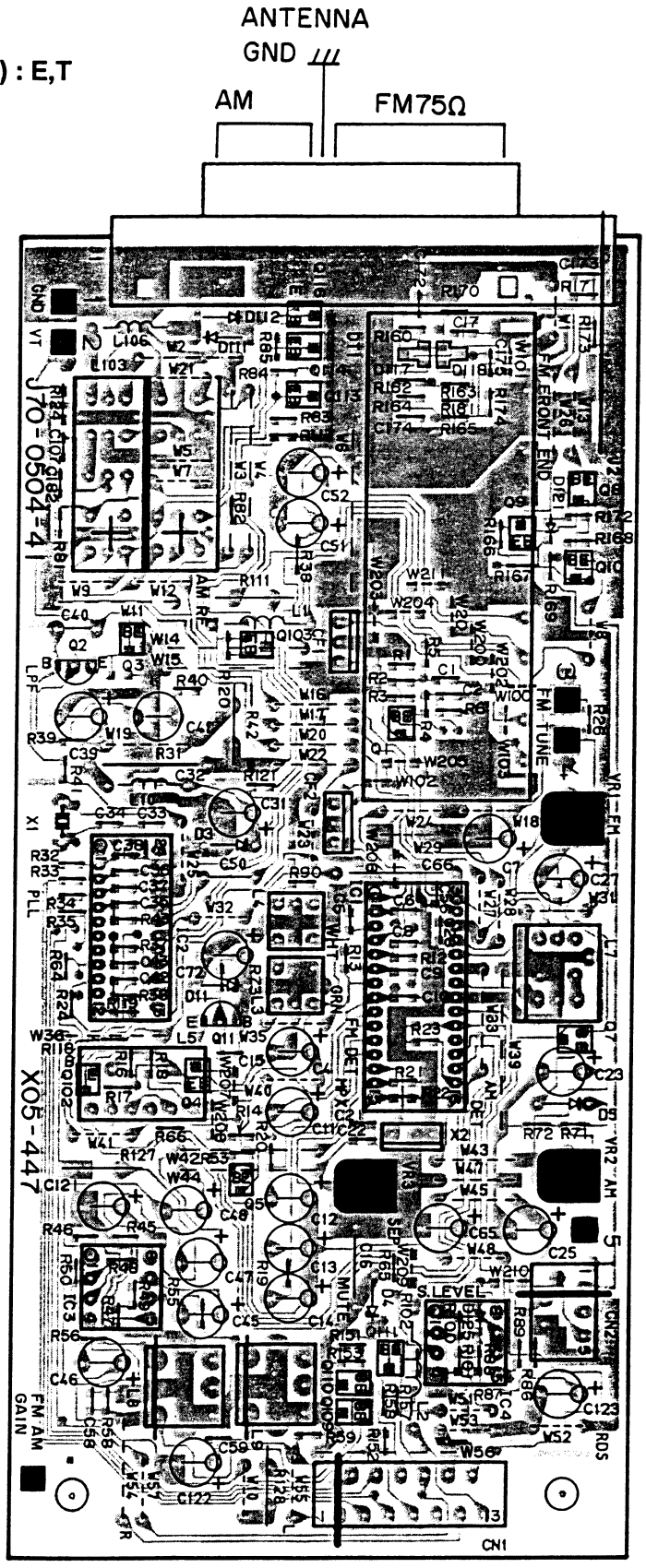
PC BOARD (Component side view)

TUNER UNIT(X05-446X-XX) : Except E,T



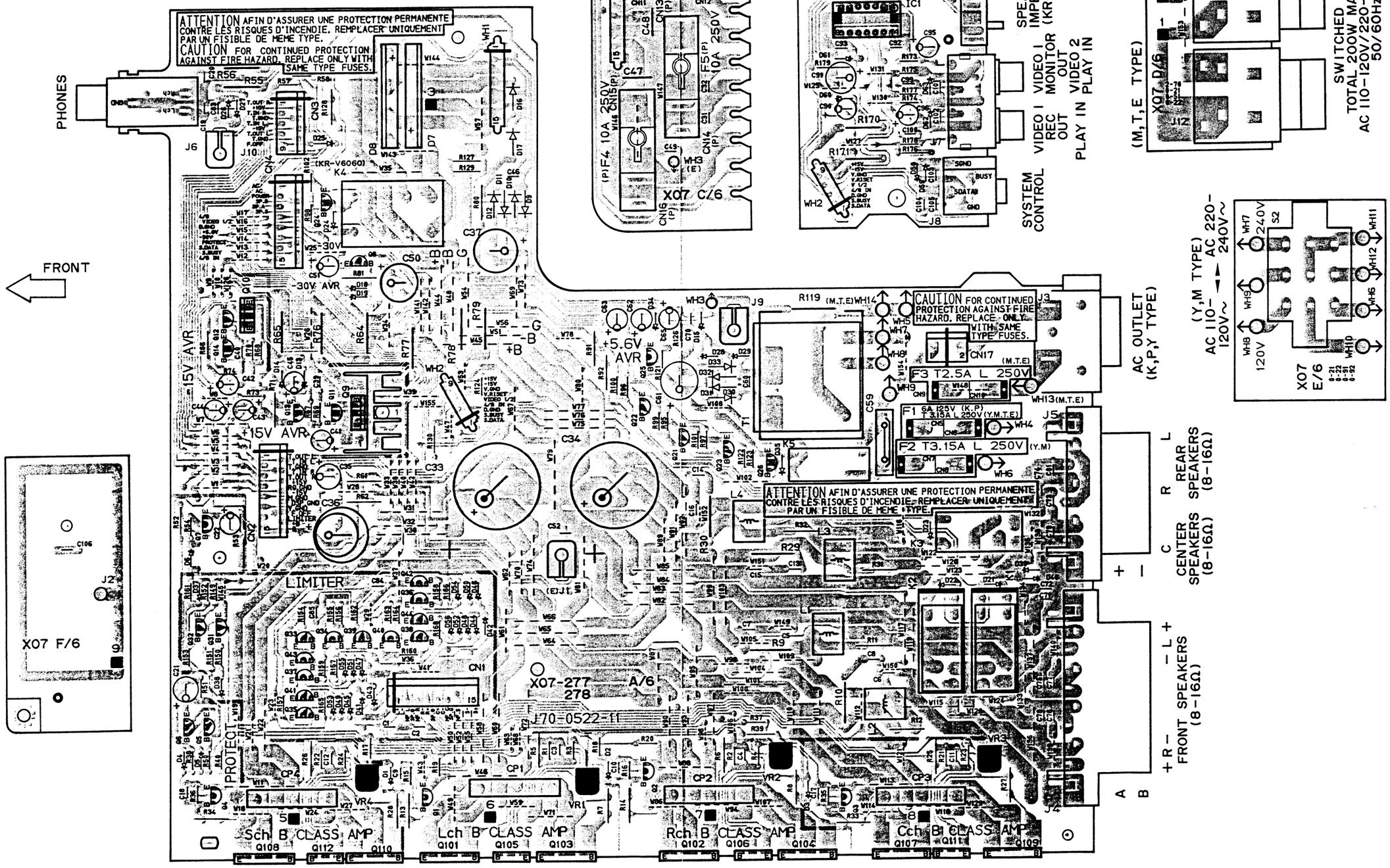
Refer to the schematic diagram for the values of resistors and capacitors.

TUNER UNIT(X05-4472-72) : E,T
(KR-V6060 only)



PC BOARD (Component side view)

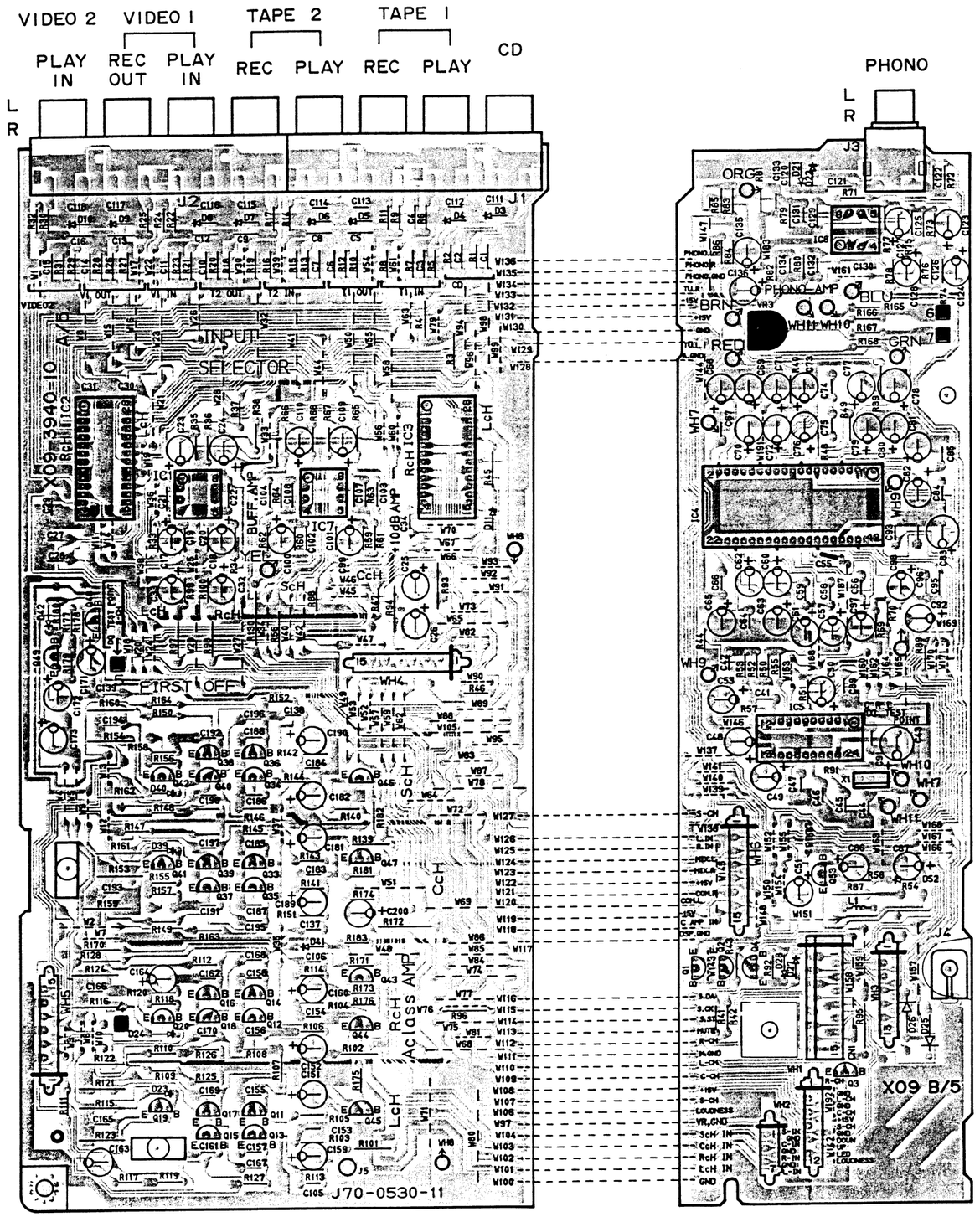
MAIN AMP UNIT(X07-277X-XX) : K,P,R
(X07-278X-XX) : Y,M,X,T,E


ATTENTION AFIN D'ASSURER UNE PROTECTION PERMANENTE CONTRE LES RISQUES D'INCENDIE. REMPLACER UNIQUEMENT PAR UN FISIBLE DE MEME TYPE.
CAUTION FOR CONTINUED PROTECTION AGAINST FIRE HAZARD. REPLACE ONLY WITH SAME TYPE FUSES.
PHONES
J6
J10
FRONT
(KR-V6060)
K4
-30V AVR
+15V AVR
+5.6V AVR
LIMITER
PROTECT
X07-277 278 J70-0522-11 A/6
Sch B CLASS AMP Q108 Q112 Q110
Lch B CLASS AMP Q101 Q105 Q103
Rch B CLASS AMP Q102 Q106 Q104
Cch B CLASS AMP Q107 Q111 Q109
1A 125V (K,P) F6 T1A L 250V (Y,M,T,E)
(P)F4 10A 250V
F5 10A 250V (P)
X07 C/6
X07 B/6
VIDEO SELECTOR
IC1
SPEAKER IMPEDANCE (KR-V6060 ONLY)
VIDEO I REC OUT
VIDEO I MONITOR OUT
VIDEO 2 PLAY IN
SYSTEM CONTROL
J8
X07 D/6
(M,T,E TYPE)
SWITCHED TOTAL 200W MAX. AC 110-120V/220-240V~ 50/60Hz
(Y,M TYPE) AC 110-120V~ ⟷ AC 220-240V~
X07 E/6
AC OUTLET (K,P,Y TYPE)
F1 6A 125V (K,P) T3.15A L 250V (Y,M,T,E)
F2 T3.15A L 250V (Y,M)
F3 T2.5A L 250V (M,T,E)
CAUTION FOR CONTINUED PROTECTION AGAINST FIRE HAZARD. REPLACE ONLY WITH SAME TYPE FUSES.
ATTENTION AFIN D'ASSURER UNE PROTECTION PERMANENTE CONTRE LES RISQUES D'INCENDIE. REMPLACER UNIQUEMENT PAR UN FISIBLE DE MEME TYPE.
+ R - L + FRONT SPEAKERS (8-16Ω)
C CENTER SPEAKERS (8-16Ω)
R L REAR SPEAKERS (8-16Ω)
X07 F/6
J2

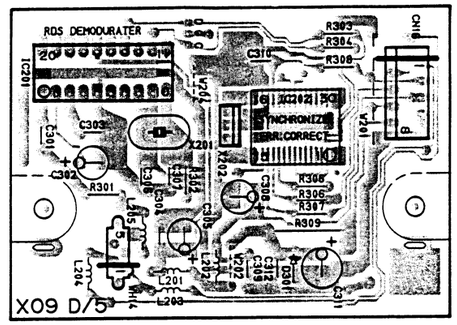
Refer to the schematic diagram for the values of resistors and capacitors.

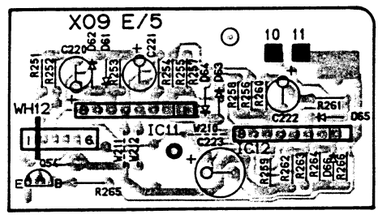
PC BOARD (Component side view)

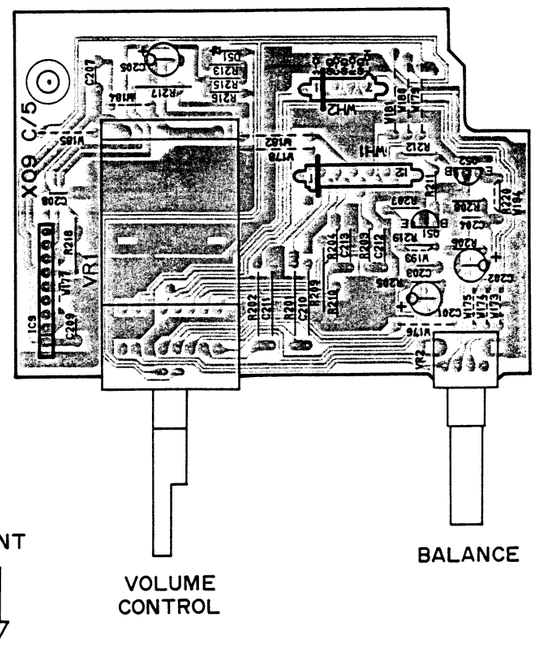
AUDIO UNIT(X09-394X-XX)



RDS UNIT
KR-V 6060 E,T TYPE ONLY



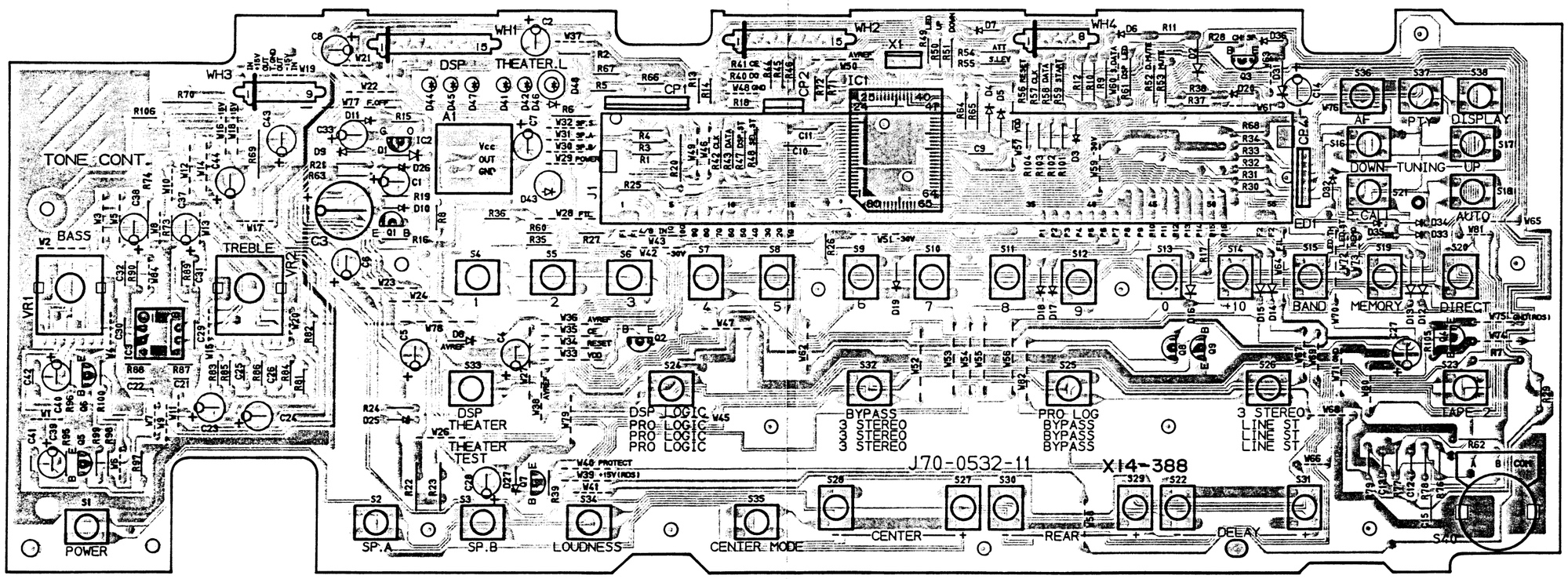




Refer to the schematic diagram for the values of resistors and capacitors.

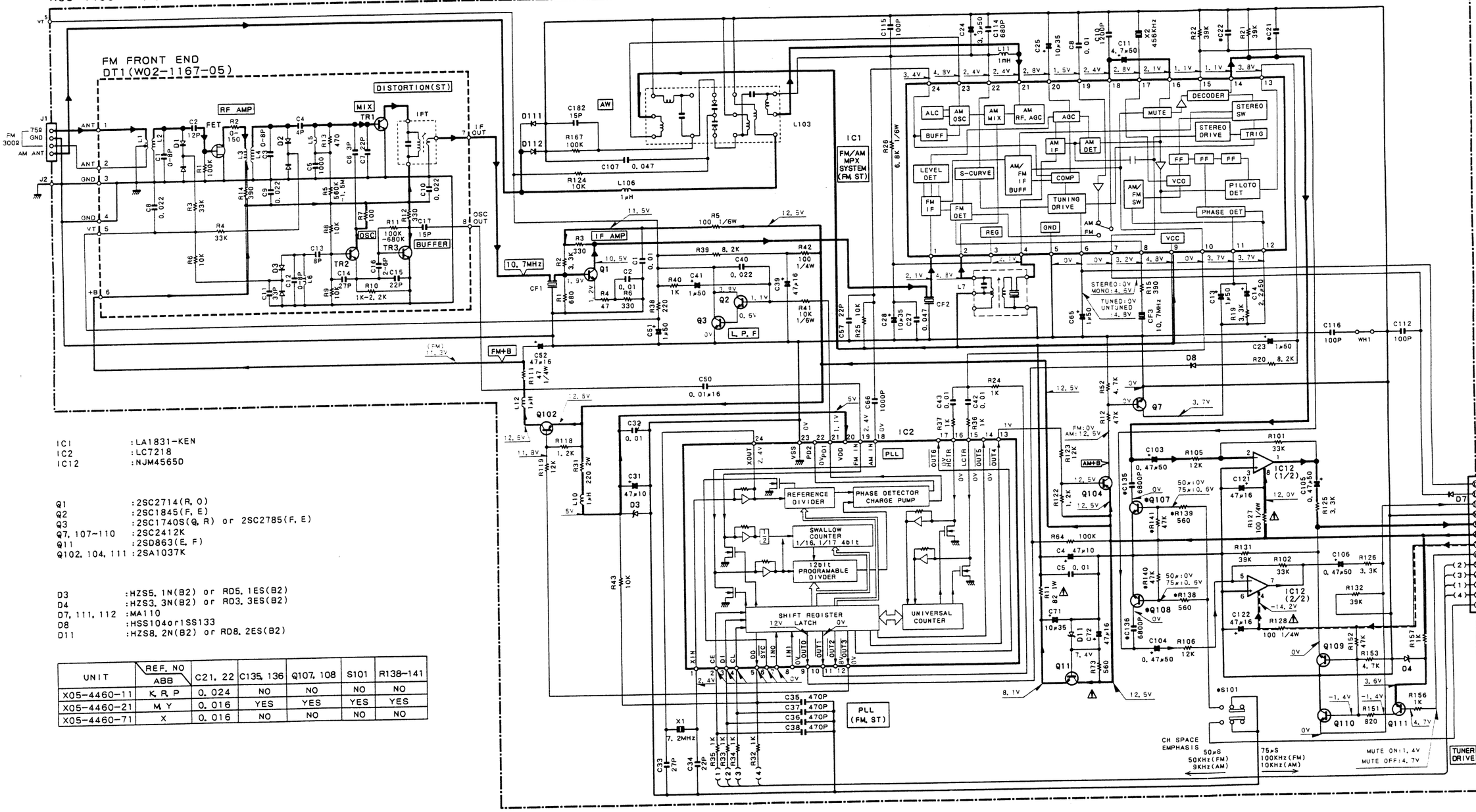
PC BOARD (Component side view)

DISPLAY UNIT(X14-388X-XX)



Refer to the schematic diagram for the values of resistors and capacitors.

X05-4460-11(K, R, P) X05-4460-71(X) X05-4460-21(M, Y)



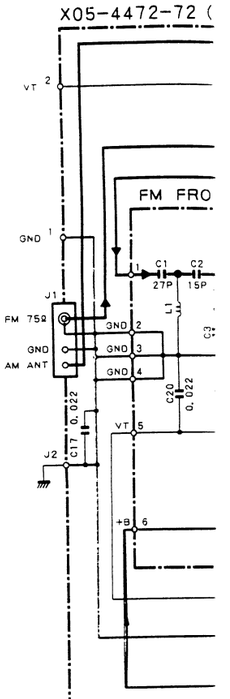
IC1 :LA1831-KEN
IC2 :LC7218
IC12 :NJM4565D

Q1 :2SC2714(R, O)
Q2 :2SC1845(F, E)
Q3 :2SC1740S(Q, R) or 2SC2785(F, E)
Q7, 107~110 :2SC2412K
Q11 :2SD863(E, F)
Q102, 104, 111 :2SA1037K

D3 :HZS5. 1N(B2) or RD5. 1ES(B2)
D4 :HZS3. 3N(B2) or RD3. 3ES(B2)
D7, 111, 112 :MA110
D8 :HSS104or1SS133
D11 :HZS8. 2N(B2) or RD8. 2ES(B2)

UNIT	REF. NO / ABB	C21, 22	C135, 136	Q107, 108	S101	R138~141
X05-4460-11	K, R, P	0. 024	NO	NO	NO	NO
X05-4460-21	M, Y	0. 016	YES	YES	YES	YES
X05-4460-71	X	0. 016	NO	NO	NO	NO

X05-4472-72 (



(KR-V6060 E, T TYPE ONLY)

NT END DT1 (W02-1166-15)

: LA1851N
: LC7218
: NJM4565D
: M5223P

: 2SC2714(R, O)
: 2SC1845(F, E)
4, 7, 8, 10, 109 : 2SC2412K
1, 102, 111 : 2SA1037K
: 2SD863(E, F)

: HZS5. 1N(B2) or RD5. 1ES(B2)
: HZS3. 3N(B2) or RD3. 3ES(B2)
11, 112 : HSS104 or 1SS133
: HZS10N(B2) or RD10ES(B2)
, 118 : 1SS268
, 125 : MA110

SIGNAL LINE
GND LINE
+B LINE
−B LINE

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U.geringfügig.

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list) ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

IC1, 7, 8 : NJM4580D-D
IC2 : NJU7313L
IC3 : NJU7311L
IC4 : LA2785
IC5 : LV1010

	UNIT	REF. NO. A8B	C1-4, 7, 8 11, 12, 15, 16 105, 106, 137 138, 121, 122	C51	C167, 168	R113, 114, 151, 152	R213	R219 220	VR1	W76 150 153 154	W193 194	D51
KR-V6060	0-10	K, R, P, Y, M	NO	YES	2P	270	YES	NO	R29-5087-05	YES	YES	YES
	2-71	E, T	YES	NO	7P	270	NO	NO	R29-5087-05	NO	YES	YES
KR-V5560	0-11	K, R, P, Y, M, X	NO	YES	2P	360	NO	YES	R29-5088-05	YES	NO	NO
KR-694	0-11	K, P, M	NO	YES	2P	360	NO	YES	R29-5088-05	YES	NO	NO

X09-393X-XX(A/5)
X09-(B/5)

2SA1123 2SC2003
2SA1534A 2SC2631
2SA992 2SC2878
2SC1845 2SC3940A
2SD863

2SB1493BT

2SA1175

DTA124ES
DTC124ES
UN4112
2SA933S
2SC1740S

2SA1037K
2SC2412K
2SC2714

2SB1470BT
2SD2222BT

2SD2061

UN4212

2SD2012
2SD2374

NJM4565D

NJM227

Q.	C1-4, 7, 8 11, 12, 15, 16 105, 106, 137 138, 121, 122	C51	C167, 168	R113, 114, 151, 152	R213	R219 220	VR1	W76 150 153 154	W193 194	D51
. M	NO	YES	2P	270	YES	NO	R29-5087-05	YES	YES	YES
	YES	NO	7P	270	NO	NO	R29-5087-05	NO	YES	YES
M, X	NO	YES	2P	360	NO	YES	R29-5088-05	YES	NO	NO
	NO	YES	2P	360	NO	YES	R29-5088-05	YES	NO	NO

IC1, 7, 8 :NJM4580D-D
IC2 :NJU7313L
IC3 :NJU7311L
IC4 :LA2785
IC5 :LV1010

Q1, 2, 4, 49 :UN4212or DTC124ES
Q11-14, 33-36 :2SA992(F, E)
Q15-18, 37-40 :2SC2631(R, S)
Q19, 20, 41, 42 :2SA1123(R, S)
Q43 :2SA933S(Q, R)

Q44-47 :2SC2878(B)
Q48 :2SC1740S(Q, R)or 2SC2785(F, E)
Q53 :2SC3940A(R, S)

D3-10, 21, 22, 27, 28 :HSS104or1SS133
D11 :RD5, 1ES(B2)or HZS5, 1N(B2)
D23, 24, 39, 40, 42 :HSS104Aor 1SS131
D25, 26 :S5688Bor 1SR139-100
D41 :RD4, 7ES(B2)or HZS4, 7N(B2)
D52 :RD10ES(B2)or HZS10N(B2)

X09-(C/5)
IC9 :TA8409S
Q51, 52 :2SC1740S(Q, R)or 2SC2785(F, E)
D51 :RD5, 1ES(B2)or HZS5, 1N(B2)

X09-(J/5)
IC11, 12 :NJM4565L
Q54 :2SC2878(B)
D61-66 :HSS104or 1SS133

X09-(B/5)

X09-(C/10)

PRO LOGIC DECODER IC4

CENTER MUTE

IC5 DELAY IC

9V AVR

PRO LOGIC NOISE ADJ. (REPLACED IC5)

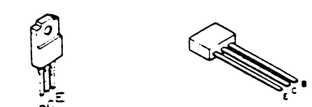
FIRST OFF DRIVE

Q51, 52 LOUDNESS ON:OFF

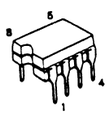
VOLUME CONT

Q1, 2, 4 DATA MUTE

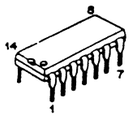
+B LINE
-B LINE
SIGNAL LINE
GND LINE



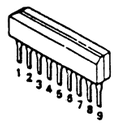
UN4212
2SD2012
2SD2374



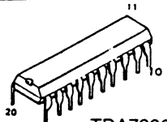
NJM4565D



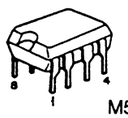
NJM2279D



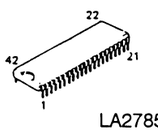
TA8409S



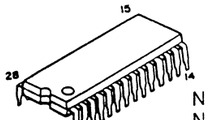
TDA7330B



M5223P
NJM4580D-D



LA2785



N
N

4, 49 :LN4212or DTC124ES
4, 33-36 :2SA992(F, E)
8, 37-40 :2SC2631(R, S)
0, 41, 42 :2SA1123(R, S) :2SA933S(Q, R)

Q44-47 :2SC2878(B)
Q48 :2SC1740S(Q, R)or 2SC2785(F, E)
Q53 :2SC3940A(R, S)

D3-10, 21, 22, 27, 28. :HSS104or1SS133
D11 :RD5, 1ES(B2)or HZS5, 1N(B2)
D23, 24, 39, 40, 42 :HSS104Aor 1SS131
D25, 26 :S5688Bor 1SR139-100
D41 :RD4, 7ES(B2)or HZS4, 7N(B2)
D52 :RD10ES(B2)or HZS10N(B2)

X09-(C/5)
IC9 :TA8409S
Q51, 52 :2SC1740S(Q, R)or 2SC2785(F, E)
D51 :RD5, 1ES(B2)or HZS5, 1N(B2)

X09-(J/5)
IC11, 12 :NJM4565L
Q54 :2SC2878(B)
D61-66 :HSS104or 1SS133

X09-(C/10)

X09-(J/10)

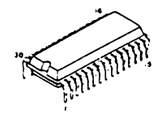
IC8 (1/2)
IC8 (2/2)
IC4
IC5 DELAY IC
IC9 VOL, MOTOR DRIVE
IC11 (1/2)
IC11 (2/2)
IC12 (2/2)

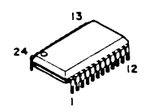
WH1 Rch, MGND, Lch, GND, Cch, +15V, Sch, GND, DOWN, UP, LED, LOUDNESS
WH2 LIN, GND, RIN, GND, CIN, GND, SIN
WH3 CH, SPACE, DO, CE, CLK, DATA, T, MUTE, −15V, +12V, L-ch, GND, R-ch, STEREO, SD
CN1 CH, SPACE, DO, CE, PLL, SEL/PLL, CLK, SEL/PLL, DATA, T, MUTE, STEREO, SD, DSP/DELAY, ST, SEL ST, LED, UP, DOWN, D, MUTE, MUTE
WH12 S-MUTE IN, +15V, S-MUTE OUT, GND, −15V

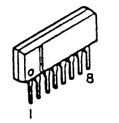
Q51, 52 LOUDNESS ON:OFF
VOLUME CONTROL
BALANCE
VOL, LED (VOL, SHAFT)
Q1, 2, 4 DATA MUTE
Q53 9V AVR
PRO LOGIC NOISE ADJ, (REPLACED IC5)
NOISE MUTE DEY,
NOISE MUTE
CENTER MUTE
LOGIC ODER

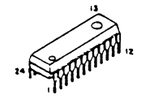
TO X07 CN2 E 3/4
TO X07 CN1 F 3/4
TO X14 WH2 D 4/4

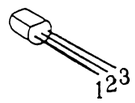
+B LINE
−B LINE
SIGNAL LINE
GND LINE

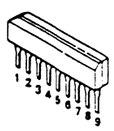

LA1851N

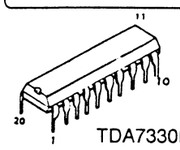

LA1831-KEN

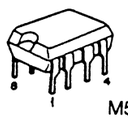

NJM4565L

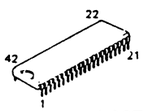

LC7218
LV1010

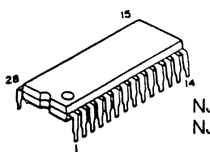

S-80740AL


TA8409S


TDA7330B


M5223P
NJM4580D-D


LA2785


NJU7311L
NJU7313L

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U.geringfügig.

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list) ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

Y05-2840-10

KR-694/V5560/V6060
KENWOOD

X07-277X-xx (A/6) X07-278X-xx (A/6)

SPEAKERS	BAY-PASS	PRO LOGIC SURROUND NOR., WIDE	PRO LOGIC SURROUND PHANTOM	3STEREO	THEATER LOGIC (KR-V6060)
FRONT	○	○	○	○	○
CENTER	×	○	×	○	○
REAR	×	○	○	×	○

○:SREAKERS OUTPUT

	LESS THAN 8Ω	8Ω OR MORE PRO LOGIC	8Ω OR MORE BYPASS
Ⓐ	43.5V	43.5V	55.3V
Ⓑ	-43.5V	-43.5V	-55.3V

Ref. NO. / DESTINATION				CN7, 8 S2	CN9, 10	Q24, 31-38	Q8, 24	C7, 8, 13, 14	C5, 6 15, 16	W149-152	C19, 20	C33, 34	C35	C36	C47, 48 85	C49, 52, 75-79 81	R15, 16	R35, 36	R77	R98, 152	R102, 151, 153 154, 157-160	R119	R150, 156	R155	R179	CP3, 4	J1	J3	J11, 12	K4	S1	Q101, 102	Q103, 104
KR-V6060	X07-277	0-10	K, R	NO	NO	YES	YES	0.1μ	NO / YES	YES / NO	NO	6800μ71	10μ100	330μ100	YES	NO / YES	910	680	NO / YES / NO	YES	YES	3.3M 1/2W / NO / 3.3M 1/2W	YES	YES	YES	0.33×2 5W	NO / YES	YES / NO / YES / NO / NO / YES	NO / YES / NO / YES / NO / NO	YES	YES	2SD2222BT	2SB1470BT
		1-01	P																													
	X07-278	2-70	E		YES			0.22μ			YES																					
		0-21	M	YES																												
		2-91	Y		NO			0.1μ	NO	YES	NO					YES / NO																
		0-51	T	NO	YES																											
KR-V5560	X07-277	0-11	K, R	NO	NO	NO	NO	0.1μ	NO	YES	NO	6800μ63	10μ63	330μ63	NO	NO	1.1K	1.1K	NO	NO	NO	3.3M 1/2W / NO	NO	NO	NO	0.22×2 5W	NO	YES / NO / YES / NO / YES / NO	YES / NO / NO / YES / NO / NO	NO	NO	2SD2255BT	2SB1493BT
		1-02	P																													
	X07-278	0-22	M	YES	YES																											
		2-92	Y		NO																											
		0-71	X	NO																												
KR-694	X07-277	0-11	K	NO	NO	NO	NO	0.1μ	NO	YES	NO	6800μ63	10μ63	330μ63	NO	NO	1.1K	1.1K	NO	NO	NO	3.3M 1/2W / NO	NO	NO	NO	0.22×2 5W	NO	YES / NO / YES / NO	NO / YES / YES / NO	NO	NO	2SD2255BT	2SB1493BT
		1-02	P																													
	X07-278	0-22	M	YES	YES																											

IC1 :NJM2279D

Q1~6, 35, 36, 41, 42 :2SC1845(F, E)

Q7, 37, 38, 43, 44 :2SA992(F, E)

Q8 :2SA1534A(R, S)

Q9, 10 :2SD2374 or 2SD2012 or 2SD2061

Q11, 13, 21~24, 32, 34, 40 :2SC1740S(Q, R) or 2SC2785(F, E)

Q12, 14, 31, 33, 39 :2SA933S(Q, R) or 2SA1175(F, E)

Q25 :2SC3940A(R, S)

Q26 :2SC2003(L, K)

Q101, 102 :*

Q103, 104 :*

Q105, 106, 111, 112 :2SC4137F19(V, W)

Q107, 108 :2SD2255BT

D1~5, 28, 29, 41~44 :HSS104A or 1SS131

D6, 53~56, 60, 61 :RD5, 1ES(B2) or HZS5, 1N(B2)

D7, 8 :D5SBA20F03 or RBV-602LFA

D9~12, 16, 17, 30~33 :S5688B or 1SR139-100

D13, 34 :RD6, 2ES(B2) or HZS6, 2N(B2)

D14 :RD8, 2ES(B2) or HZS8, 2N(B2)

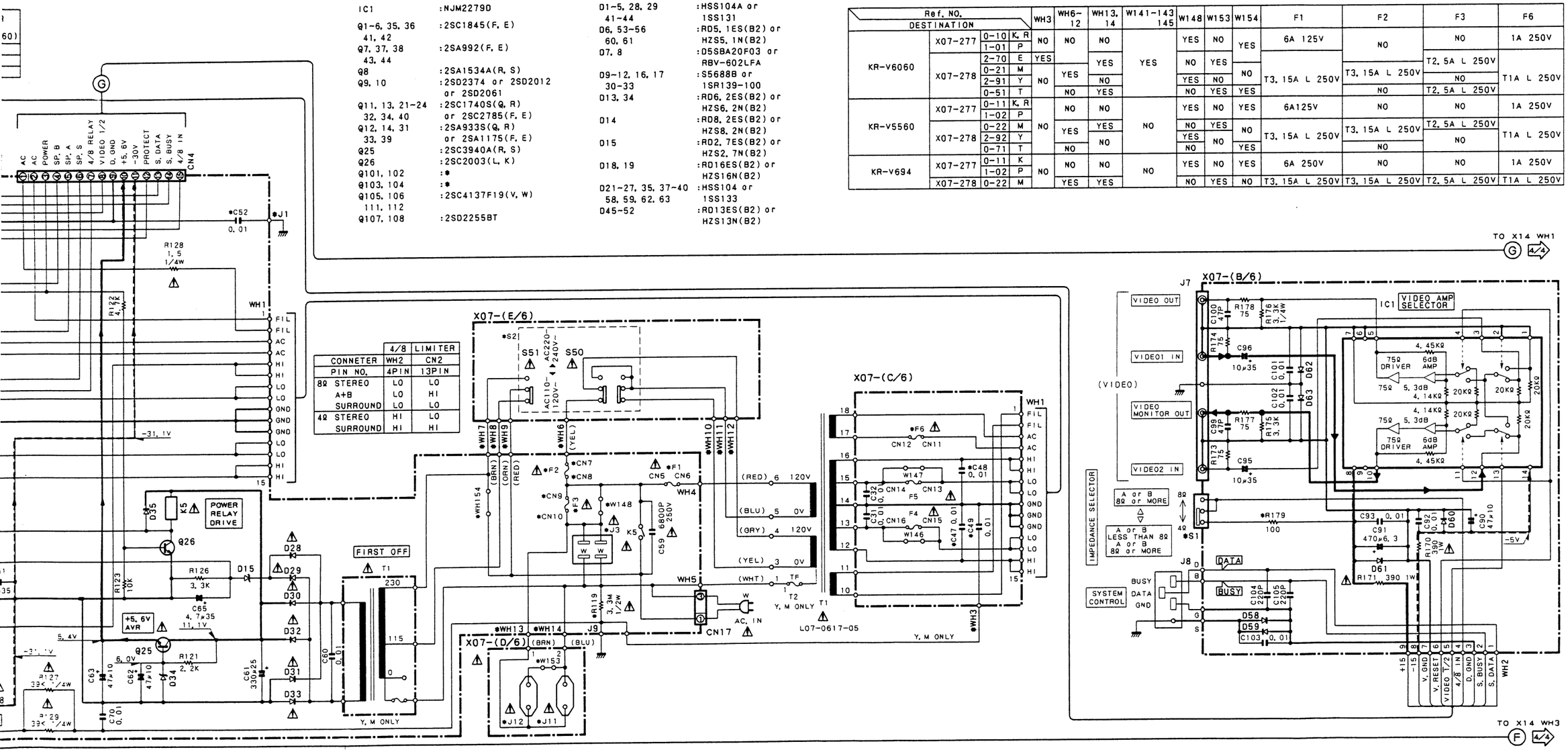
D15 :RD2, 7ES(B2) or HZS2, 7N(B2)

D18, 19 :RD16ES(B2) or HZS16N(B2)

D21-27, 35, 37-40, 58, 59, 62, 63 :HSS104 or 1SS133

D45-52 :RD13ES(B2) or HZS13N(B2)

Ref. NO. / DESTINATION				WH3	WH6-12	WH13, 14	W141-143 145	W148	W153	W154	F1	F2	F3	F6
KR-V6060	X07-277	0-10	K, R	NO	NO	NO	YES	YES	NO	YES	6A 125V	NO	NO	1A 250V
		1-01	P											
	X07-278	2-70	E	YES		YES		NO	YES	NO	T3, 15A L 250V	T3, 15A L 250V	T2, 5A L 250V / NO	T1A L 250V
		0-21	M	NO	YES			YES	NO					
		2-91	Y		NO	NO		NO	YES	YES		NO	T2, 5A L 250V	
		0-51	T		NO	YES								
KR-V5560	X07-277	0-11	K, R	NO	NO	NO	NO	YES	NO	YES	6A125V	NO	NO	1A 250V
		1-02	P											
	X07-278	0-22	M		YES	YES		NO	YES	NO	T3, 15A L 250V	T3, 15A L 250V	T2, 5A L 250V / NO	T1A L 250V
		2-92	Y		NO			YES	NO					
		0-71	T			NO		NO		YES		NO		
KR-V694	X07-277	0-11	K	NO	NO	NO	NO	YES	NO	YES	6A 250V	NO	NO	1A 250V
		1-02	P											
	X07-278	0-22	M		YES	YES		NO	YES	NO	T3, 15A L 250V	T3, 15A L 250V	T2, 5A L 250V	T1A L 250V



SIGNAL LINE
GND LINE
+B LINE
-B LINE

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U.geringfügig.

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list) ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

X14-387X-XX

TO X05 CN2 1/4 B

TO X07 WH2 2/3 G

TO X09 CN1 2/4 E

TO X07 CN3 3/4 F

G

ED1

11G 10G 9G 8G 7G 6G 5G 4G 3G 2G 1G

SPEAKERS A B VIDEO 2 1 PTY RDS FM AM AF

dB ms kHz MHz SURROUND 3 STEREO LOUDNESS TAPE2 LINE STRAIGHT MEMORY AUTO STEREO TUNED

WH4: ATT, S. LEVEL, RESET, CLK, DATA, START, GND, +15V — *R54–*R59 100 — (6)(7)(11)(12)(13)(14)

WH2: MUTE, D. MUTE, VOLUME (DOWN, UP, LED), SELE ST, DSP/DELAY ST, SD, STEREO, T. MUTE1, SEL/PLL DATA, SEL/PLL CLK, CE PLL, DO, CH SPACE — R53 100 (16), R52 100 (15), R51 10K (10), R50 10K (9), R49 470 (8), R48 100 (21), R47 100 (20), R46 100 (3), R45 100 (2), R44 100 (1), R43 33 (19), R42 33 (18), R41 100 (5), R40 100 (4), (17)

WH1: AC, AC, POWER, SP. B, SP. A, SP. S, 4/8, VIDEO, D. GND, +5. 6V, −30V, PROTECT, S. DATA, S. BUSY, 4/8 IN — R1 100 (1), R3 100 (2), R4 100 (3), R5 100 (4), *R6 100 (6), R2 100 (7), R7 1K (9)

IC1 FM. PRO LOGIC μ-COM BOTTOM VIEW

CP1 100K×8 — C11 0.01μ

CP2 4. 7K×3 — CP4 10K×5

C14 47μ6. 3 — C5 4. 7μ35 — C6 4. 7μ35 — C7 33μ6. 3 — C8 33μ50 — C27 1μ50 — C1 4. 7μ16 — C2 1μ50 — C3 0. 047F 5. 5 — C4 100μ10 — C33 1μ50

R23 220 1/4W — R22 220 1/4W — R24 33K — R25 100 — R26 100K — R27 100K — R76 220 — R77 220 — R78 10K — R79 10K — C12 0. 022 — C13 0. 022 — R8 10 — R9 100K — R10 100K — R11 330 — R12 330 — R13 100K — R14 100K — R15 1K — R16 1K — R17 100 — R18 10K — R19 47K — R20 1K — R21 1K — R63 10K — R68 100K — *R28 10K — *R29 22K — *R35 — R30 100 — R31 100 — R32 100 — R33 100 — R34 100 — R39 1. 5K

Q1 Q2 Q3 Q7 Q8 Q9

D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D20 D26 D27

S1 POWER ON/STADBY — S2 A. SP — S3 SP. B — S4 1 — S5 2 — S6 3 — S7 4 — S8 5 — S9 6 — S10 7 — S11 8 — S12 9 — S13 0 — S14 +10 — S15 BAND — S16 ∨ TUNIG — S17 ∧ TUNIG — S18 AUTO — S19 MEMORY — S20 DIRECT — S21 P. CALL — S22 DELAY− TIME — S23 TAPE2 — S24 PRO LOGIC — S25 BYPASS — S26 LINE STRAIGHT — S27 CENER+ LEVEL — S28 CENER− LEVEL — S29 REAR LEVEL+ — S30 REAR− LEVEL — S31 DELAY+ TIME — S32 BYPASS — S33 TEST TONE (5560) (694) THEATER LOGIC (6060) — S34 LOUDNESS — S35 CENTER MODE — *S36 AF — *S37 PTY — *S38

*D32 *D33 *D34 *D35 *D36 *D41 *D42 *D46 *D48

REMOTE SENSOR — INPUT SELECTOR (ENCODER) S40 — IC2 RESET DET

D41. 42. 46 THEATER LOGIC — D48 MUTING — LED DRIVE — CH. SPACE — C3 BACK UP-CAPA — 10V AVR — RESET — VDD — RELAY — RDS

FL DRIVER

-24. 1V -25. 0V -28. 2V -28. 3V -31. 2V -30. 5V -21. 6V 14. 7V 10. 7V 5. 5V 5. 1V 4. 7V 0V

X09-D/5 KR-V6060(E.T TYP) (RDS UNIT)

X09 D/5
IC201 : TDA7330B
IC202 : LC6543H-4600

D301 : HZS5.1N(B2)or
RD5.1ES(B2)

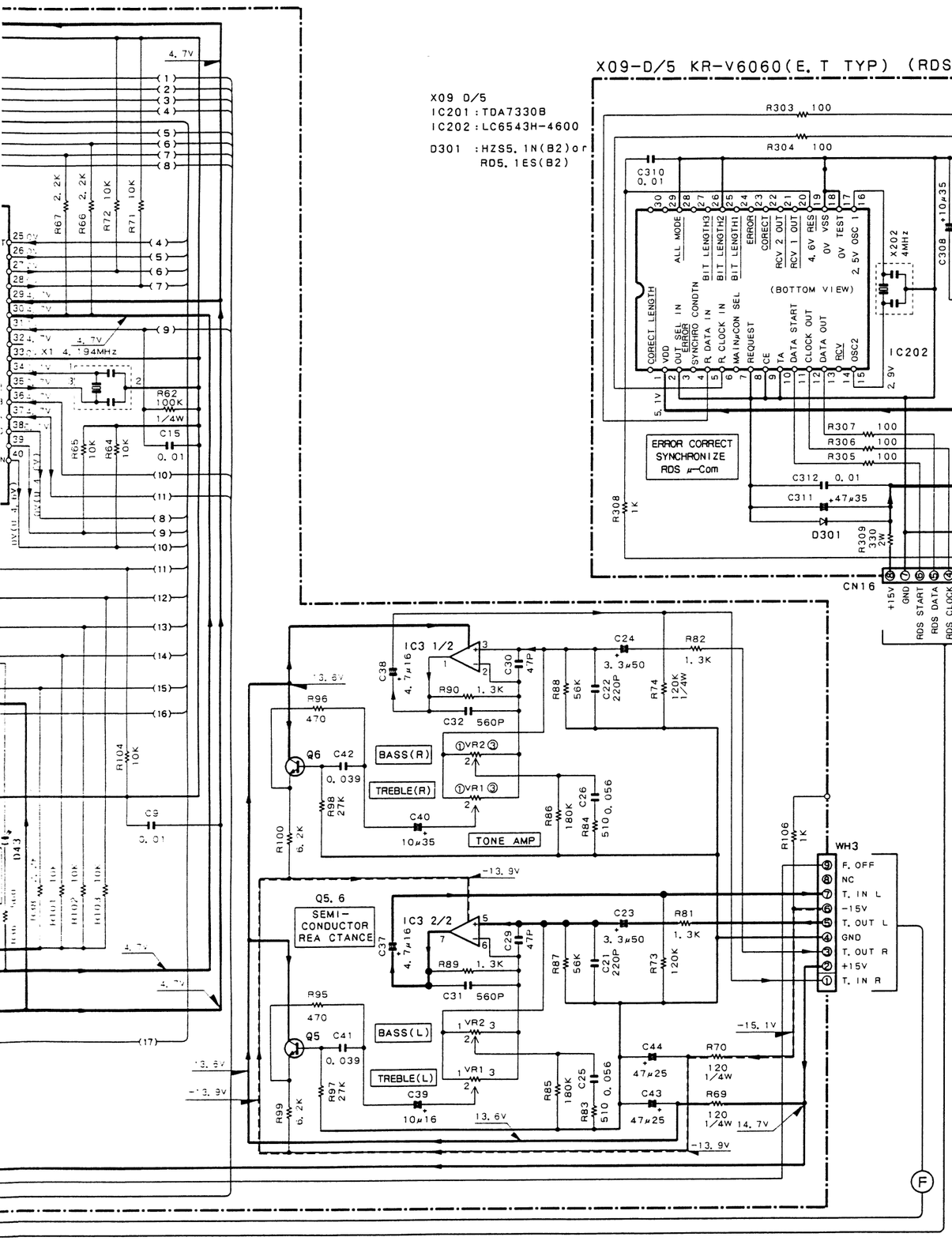
X14-387
IC1 : μPD78043GF
IC1 : μPD78044GF
IC2 : S-80740AL
IC3 : NJM4580D-D

Q1, 2, 5-6 : 2SC1740S(Q
Q3 : 2SA933S(Q,
Q7 : 2SC1845(F,
Q8 : DTA124ES C
Q9 : DTC124ES C

D1~20, 32~36 : HSS104
D26 : HZS2.7(
D25 : HZS6.2N
D43, 48 : B30-24F
D41, 42, 46 : B30-24(
D27 : HZS11N(
A1 : W02-104
: W02-115
: W02-11
ED1 : 11-MT-(

X14-388

Ref NO. / DESTINATION		
KR-V6060	0-01	K, R, P
	0-21	M, Y
	2-71	T, E
KR-V5560	0-11	K, R, P
	0-22	M, Y
	0-71	X
KR-894	0-11	K, P
	0-22	M



X14-387

IC1	: μPD78043GF-073
IC1	: μPD78044GF-075(E, T TYPE)
IC2	: S-80740AL
IC3	: NJM4580D-D
Q1, 2, 5-6	: 2SC1740S(Q, R) or 2SC2785(F, E)
Q3	: 2SA933S(Q, R) or 2SA1175(F, E)
Q7	: 2SC1845(F, E)
Q8	: DTA124ES or UN4112
Q9	: DTC124ES or UN4212
D1~20, 32~36	: HSS104 or 1SS133
D26	: HZS2. 7(B2) or RD2. 7ES(B2)
D25	: HZS6. 2N(B2) or RD6. 2ES(B2)
D43, 48	: B30-2461-05
D41, 42, 46	: B30-2430-05
D27	: HZS11N(B2) or RD11ES(B2)
A1	: W02-1046-05
	: W02-1153-05
	: W02-1174-05
ED1	: 11-MT-92GK

X14-388

Ref NO. / DESTINATION			R6	R28, R29	R35	R54 ~59	D32	D33	D34	D35	D36	D41, 42, 46	S36 ~38	WH4	Q3
KR-V6060	0-01	K, R, P	YES	NO	470	NO	YES	NO	NO	NO	NO	YES	NO	NO	NO
	0-21	M, Y		YES						YES	YES				YES
	2-71	T, E		NO		YES		YES			NO		YES	YES	NO
KR-V5560	0-11	K, R, P	NO	NO	1. 8K	NO	NO	NO	NO YES	NO	NO	NO	NO	NO	NO
	0-22	M, Y		YES						YES	YES			YES	YES
	0-71	X		NO							NO				NO
KR-894	0-11	K, P	NO	NO	1. 8K	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
	0-22	M		YES						YES	YES			YES	YES

DC voltages are as measured with a high impedance voltmeter. Values may vary slightly due to variations between individual instruments or/and units.

Les tensions c.c. doivent être mesurées avec un voltmètre à haute impédance. Les valeurs peuvent différer légèrement du fait des variations inhérentes aux appareils et aux instruments de mesure individuels.

Die angegebenen Gleichspannungswerte wurden mit einem hochohmigen Spannungsmesser gemessen. Dabei schwanken die Meßwerte aufgrund von Unterschieden zwischen einzelnen Instrumenten oder Geräten u. U.geringfügig.

CAUTION : For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list) ⚠ Indicates safety critical components. To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

SIGNAL LINE
GND LINE
+B LINE
-B LINE

4/4

Y05-2840-10

KR-694/V5560/V6060

KENWOOD

KR-694/V5560/V6060

EXPLODED VIEW (UNIT)

A	GND SCREW	:N08-0128-05 YMXET
A B	M3x8	:N09-2909-05 KP
B	M3x12	:N09-0333-05
C	M3x14	:N09-2907-05
D	M2.6x8(Bi-Tap)	:N82-2608-46
E	ø3x8(Bi-Tap)BLK	:N89-3008-45
F	ø3x8(Bi-Tap)	:N89-3008-46
G	ø3x18(Bi-Tap)	:N89-3018-46
H	PUSH RIVET	:N29-0265-15
J	M3x8	:N35-3008-46

Parts with the exploded numbers larger than 700 are not supplied.

KR-694/V5560/V6060

PARTS LIST

UNIT LIST

KR-694

DESTINATION		TUNER UNIT	MAIN AMP UNIT	AUDIO UNIT	DISPLAY UNIT
Sigapore made	K	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
	P	X05-4460-11	X07-2771-02	X09-3940-11	X14-3880-11
	M	X05-4460-21	X07-2780-22	X09-3940-11	X14-3880-22
Malaysia made	K	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
	P	X05-4460-11	X07-2771-02	X09-3940-11	X14-3880-11

KR-V5560

DESTINATION		TUNER UNIT	MAIN AMP UNIT	AUDIO UNIT	DISPLAY UNIT
Sigapore made	K	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
	P	X05-4460-11	X07-2771-02	X09-3940-11	X14-3880-11
	Y	X05-4460-21	X07-2782-92	X09-3940-11	X14-3880-22
	M	X05-4460-21	X07-2780-22	X09-3940-11	X14-3880-22
	X	X05-4460-71	X07-2780-11	X09-3940-11	X14-3880-71
	R	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
Malaysia made	K	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11
	P	X05-4460-11	X07-2771-02	X09-3940-11	X14-3880-11
	R	X05-4460-11	X07-2770-11	X09-3940-11	X14-3880-11

KR-V6060

DESTINATION		TUNER UNIT	MAIN AMP UNIT	AUDIO UNIT	DISPLAY UNIT
Sigapore made	K	X05-4460-11	X07-2770-10	X09-3940-10	X14-3880-10
	P	X05-4460-11	X07-2771-01	X09-3940-10	X14-3880-10
	R	X05-4460-11	X07-2770-10	X09-3940-10	X14-3880-10
	Y	X05-4460-21	X07-2782-91	X09-3940-10	X14-3880-21
	M	X05-4460-21	X07-2780-21	X09-3940-10	X14-3880-21
	T	X05-4472-72	X07-2780-51	X09-3942-71	X14-3882-71
	E	X05-4472-72	X07-2782-70	X09-3942-71	X14-3882-71
Malaysia made	K	X05-4460-11	X07-2770-10	X09-3940-10	X14-3880-10
	P	X05-4460-11	X07-2771-01	X09-3940-10	X14-3880-10
	R	X05-4460-11	X07-2770-10	X09-3940-10	X14-3880-10

No.1

KR-694

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
601	1A	*	A01-3098-11	METALLIC CABINET		
602	3A	*	A60-0527-11	PANEL		
603	1B	*	A70-0964-05	REMOTE CONTROLLER ASSY(-R0502)		
604	1B		A09-0170-08	BATTERY COVER		
615	3A	*	B03-2887-13	DRESSING PLATE		
-			B46-0092-33	WARRANTY CARD	K	
-			B46-0121-33	WARRANTY CARD	P	
-			B46-0197-00	QUESTIONNAIRE CARD	K	
-		*	B58-0964-03	CAUTION CARD (IL)	K	
-		*	B58-0965-03	CAUTION CARD (P,T,X TYPE)	P	
-		*	B58-0966-03	CAUTION CARD (ELM TYPE)	M	
-		*	B60-1453-00	INSTRUCTION MANUAL (ENGLISH)		
-		*	B60-1454-00	INSTRUCTION MANUAL (FRENCH)	P	
-		*	B60-1455-00	INSTRUCTION MANUAL (CHINESE)	M	
-		*	B60-1456-00	INSTRUCTION MANUAL (SPANISH)	M	
620	1B		E03-0115-05	AC PLUG ADAPTER	M	
621	1D		E30-2592-15	AC POWER CORD	M	
621	1D		E30-2650-05	AC POWER CORD	KPR	
621	1D		E30-2650-05	AC POWER CORD	P	
631	2B		F20-1297-05	INSULATING SHEET (FRONT)		
632	2B,2C		F20-1297-05	INSULATING SHEET (CENTER,REAR)		
633	2B	*	F20-1392-04	INSULATING BOARD	M	
634	2D		F20-1393-04	INSULATING SHEET		
-		*	H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	KPM	S
-		*	H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	KPM	S
-			H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	KP	W
-			H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	KP	W
-		*	H11-0061-04	POLYSTYRENE FOAMED BOARD		
-		*	H13-0147-14	CARTON BOARD		
-			H25-0232-04	PROTECTION BAG (235X350X0.03)		
-			H25-1516-04	PROTECTION BAG		
-		*	H50-0931-04	ITEM CARTON CASE	KP	S
-		*	H50-0932-04	ITEM CARTON CASE	M	S
-		*	H50-0987-04	ITEM CARTON CASE	KP	W
638	3D		J02-0366-15	FOOT		
640	2D		J19-3208-05	UNIT HOLDER		
641	2C		J19-3326-15	UNIT HOLDER		
642	2C,2D	*	J19-3657-04	UNIT HOLDER(USABLE J19-3609-04		
643	1B	*	J19-3645-04	AM LOOP ANT.STAND		
648	1D		J42-0083-05	POWER CORD BUSHING		
-			J61-0307-05	WIRE BAND		
652	3B	*	K29-5843-02	KNOB (SURROUND)		
653	3A		K29-5834-13	KNOB (TONEY)		
654	2A,3A		K29-5837-02	KNOB (POWER,TUNING)		
655	3A		K29-5838-04	KNOB (BASS,TREBLE)		
656	3A		K29-5839-14	KNOB (BARANCE)		
657	3A	*	K29-5860-04	KNOB ASSY (VOLUME)		
658	3A		K29-5866-04	KNOB (INPUT SELECTOR)		
660	2C	*	L07-0848-05	POWER TRANSFORMER	P	
660	2C	*	L07-0851-05	POWER TRANSFORMER	M	

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

L:Scandinavia K:USA P:Canada R:Mexico S:Singapore made 4:KR-694
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany W:Malaysia made 5:KR-V5560
Y:AAFES(Europe) X:Australia M:Other Areas 6:KR-V6060

⚠ indicates safety critical components.

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Telle ohne Parts No. werden nicht geliefert.

No.2

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
⚠ 660	2C	*	L07-0852-05	POWER TRANSFORMER	K	
A			N08-0128-35	BINDING POST (EARTH)	M	
A			N09-2909-05	TAPTITE SCREW	KP	
B			N09-0333-05	TAPPING SCREW (3X12)		
C			N09-2907-05	SEMS (TAPTITE SCREW)(3X14)		
D			N82-2608-46	BINDIG HEAD TAPTITE SCREW		
E			N89-3008-45	BINDING HEAD TAPTITE SCREW		
F			N89-3008-46	BINDING HEAD TAPTITE SCREW		
G			N89-3018-46	BINDING HEAD TAPTITE SCREW		
H			N29-0265-15	PUSH RIVET		
665	1B		T90-0175-05	T TYPE ANTENNA		
666	1B		T90-0195-05	LOOP ANTENNA		
KR-V5560						
601	1A	*	A01-3098-11	METALLIC CABINET		
602	3A	*	A60-0526-21	PANEL		
603	1B	*	A70-0964-05	REMOTE CONTROLLER ASSY(-R0502)		
604	1B		A09-0170-08	BATTERY COVER		
615	3A	*	B03-2887-13	DRESSING PLATE		
-			B46-0092-33	WARRANTY CARD	K	
-			B46-0094-03	WARRANTY CARD	Y	
-			B46-0095-03	WARRANTY CARD	Y	
-		*	B46-0096-43	WARRANTY CARD	X	
-			B46-0121-33	WARRANTY CARD	P	
-			B46-0197-00	QUESTIONAIRE CARD	KR	
-			B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
-		*	B58-0964-03	CAUTION CARD	KYR	
-		*	B58-0965-03	CAUTION CARD	P	
-		*	B58-0966-03	CAUTION CARD	MX	
-		*	B58-0970-03	CAUTION CARD	RR	
-		*	B60-1453-00	INSTRUCTION MANUAL (ENGLISH)		
-		*	B60-1454-00	INSTRUCTION MANUAL (FRENCH)	P	
-		*	B60-1455-00	INSTRUCTION MANUAL (CHINESE)	M	
-		*	B60-1456-00	INSTRUCTION MANUAL (SPANISH)	MR	
⚠ 620	1B		E03-0115-05	AC PLUG ADAPTER	M	
⚠ 621	1D		E30-2592-15	AC POWER CORD	M	
⚠ 621	1D		E30-2605-05	AC POWER CORD	Y	
⚠ 621	1D		E30-2650-05	AC POWER CORD	KPR	
⚠ 621	1D		E30-2650-05	AC POWER CORD		
⚠ 621	1D		E30-2717-05	AC POWER CORD	X	
631	2B		F20-1297-05	INSULATING SHEET (FRONT)		
632	2B, 2C		F20-1297-05	INSULATING SHEET (CENTER, REAR)		
633	2B	*	F20-1392-04	INSULATING BOARD		
634	2D		F20-1393-04	INSULATING SHEET	YMX	
-		*	H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	KPYMXR	
-		*	H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	KPYMXR	
-			H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	KPR	
-			H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	KPR	
-		*	H11-0061-04	POLYSTYRENE FOAMED BOARD		
-		*	H13-0147-14	CARTON BOARD		
-			H25-0232-04	PROTECTION BAG (235X350X0.03)		
-			H25-0361-04	PROTECTION BAG		
-		*	H50-0924-04	ITEM CARTON CASE	KPYXR	S

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components.

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis
Telle ohne Parts No. werden nicht geliefert.

No.3

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
-		*	H50-0925-04	ITEM CARTON CASE	M	S
-		*	H50-0926-04	ITEM CARTON CASE	KPR	W
638	3D		J02-0366-15	FOOT		
640	2D		J19-3208-05	UNIT HOLDER		
641	2C		J19-3326-15	UNIT HOLDER		
642	2C, 2D	*	J19-3657-04	UNIT HOLDER(USABLE J19-3609-04		
643	1B	*	J19-3645-05	AM LOOP ANT.STAND		
⚠ 648	1D		J42-0083-05	POWER CORD BUSHING		
-			J61-0307-05	WIRE BAND		
652	3B	*	K29-5843-02	KNOB (SURROUND)		
653	3A		K29-5834-13	KNOB (10KEY)		
654	2A, 3A		K29-5837-02	KNOB (POWER, TUNING)		
655	3A		K29-5838-04	KNOB (BASS, TREBLE)		
656	3A		K29-5839-14	KNOB (BALANCE)		
657	3A	*	K29-5860-04	KNOB ASSY (VOLUME)		
658	3A		K29-5866-04	KNOB (INPUT SELECTOR)		
⚠ 660	2C	*	L07-0848-05	POWER TRANSFORMER	P	
⚠ 660	2C	*	L07-0850-05	POWER TRANSFORMER	X	
⚠ 660	2C	*	L07-0851-05	POWER TRANSFORMER	YM	
⚠ 660	2C	*	L07-0852-05	POWER TRANSFORMER	KR	
A			N08-0128-35	BINDING POST (EARTH)	YMX	
A			N09-2909-05	TAPTITE SCREW	KPR	
B			N09-0333-05	TAPPING SCREW (3X12)		
C			N09-2907-05	SEMS (TAPTITE SCREW)(3X14)		
D			N82-2608-46	BINDIG HEAD TAPTITE SCREW		
E			N89-3008-45	BINDING HEAD TAPTITE SCREW		
F			N89-3008-46	BINDING HEAD TAPTITE SCREW		
G			N89-3018-46	BINDING HEAD TAPTITE SCREW		
H			N29-0265-15	PUSH RIVET		
665	1B		T90-0175-05	T TYPE ANTENNA		
666	1B		T90-0195-05	LOOP ANTENNA		
KR-V6060						
601	1A	*	A01-3098-11	METALLIC CABINET		
602	3A	*	A60-0525-21	PANEL		
603	1B		A70-0962-15	REMOTE CONTROLLER ASSY(-R0702)	KPYMR	
603	1B		A70-0963-05	REMOTE CONTROLLER ASSY(-R0703)	TE	
604	1B		A09-0146-08	BATTEY COVER		
615	3A	*	B03-2871-13	DRESSING PLATE	KPYMR	
615	3A	*	B03-2886-13	DRESSING PLATE	TE	
-			B46-0092-33	WARRANTY CARD	K	
-			B46-0094-03	WARRANTY CARD	Y	
-			B46-0095-03	WARRANTY CARD	Y	
-			B46-0121-33	WARRANTY CARD	P	
-			B46-0197-00	QUESTIONAIRE CARD	KR	
-			B46-0310-03	WARRANTY CARD	TE	
-			B58-0513-04	CAUTION CARD (PRESET220-240)	Y	
-		*	B58-0964-03	CAUTION CARD (UL)	KYR	
-		*	B58-0965-03	CAUTION CARD (P,T,X)	P	
-		*	B58-0966-03	CAUTION CARD (E,L,M)	MTE	
-		*	B58-0970-03	CAUTION CARD (R TYPE)	R	
-			B60-1441-00	INSTRUCTION MANUAL (ENGLISH)	KPYMR	
-			B60-1442-00	INSTRUCTION MANUAL (ENGLISH)	TE	

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components.

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert

No.4

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
-			B60-1443-00	INSTRUCTION MANUAL (FRENCH)	P	
-			B60-1444-00	INSTRUCTION MANUAL (CHINESE)	M	
-			B60-1445-00	INSTRUCTION MANUAL (GE,OU)	E	
-			B60-1446-00	INSTRUCTION MANUAL (SPANISH)	MR	
-			B60-1593-00	INSTRUCTION MANUAL (SPANISH)	E	
-			B60-1594-00	INSTRUCTION MANUAL (FR,IT)	E	
⚠ 620	1B		E03-0115-05	AC PLUG ADAPTER	M	
⚠ 621	1D		E30-2592-15	AC POWER CORD	ME	
⚠ 621	1D		E30-2605-05	AC POWER CORD	Y	
⚠ 621	1D		E30-2650-05	AC POWER CORD	KPR	
⚠ 621	1D		E30-2721-05	AC POWER CORD	T	
630	1C	*	F20-1258-04	INSULATING BOARD	T	
631	2B		F20-1284-05	INSULATING BOARD (FRONT)		
632	2B		F20-1297-05	INSULATING SHEET (CENTER,REAR)		
633	2B	*	F20-1392-04	INSULATING BOARD		
634	2D		F20-1393-04	INSULATING SHEET	YMTE	
-		*	H10-5676-02	POLYSTYRENE FOAMED FIXTURE (L)	KPYMER	S
-		*	H10-5677-02	POLYSTYRENE FOAMED FIXTURE (R)	KPYMER	S
-		*	H10-5678-02	POLYSTYRENE FOAMED FIXTURE (L)	T	S
-		*	H10-5679-02	POLYSTYRENE FOAMED FIXTURE (R)	T	S
-			H10-5680-02	POLYSTYRENE FOAMED FIXTURE (L)	KPR	W
-			H10-5681-02	POLYSTYRENE FOAMED FIXTURE (R)	KPR	W
-		*	H11-0061-04	POLYSTYRENE FOAMED BOARD		
-		*	H13-0147-14	CARTON BOARD	KPYMER	
-		*	H13-0160-04	CARTON BOARD	T	
-			H25-0232-04	PROTECTION BAG (235X350X0.03)	KPYMER	
-			H25-0361-04	PROTECTION BAG	KPYMER	
-			H25-0651-04	PROTECTION BAG (0232 PRINTED)	T	
-			H25-0666-04	PROTECTION BAG (0361 PRINTED)	T	
-		*	H50-0921-04	ITEM CARTON CASE	KPYER	S
-		*	H50-0922-04	ITEM CARTON CASE	M	S
-		*	H50-0923-04	ITEM CARTON CASE	T	S
-		*	H50-0985-04	ITEM CARTON CASE	KPR	W
638	3D		J02-0366-15	FOOT	KPYMR	
639	3D		J02-1040-05	FOOT	TE	
640	2D		J19-3208-05	UNIT HOLDER		
641	2C		J19-3326-15	UNIT HOLDER		
642	2C,2D	*	J19-3657-04	UNIT HOLDER(USABLE J19-3609-04		
⚠ 643	1B	*	J19-3645-05	AM LOOP ANT.STAND		
648	1D		J42-0083-05	POWER CORD BUSHING		
-			J61-0307-05	WIRE BAND		
652	3B		K29-5833-02	KNOB (SURROUND)		
653	3A		K29-5834-13	KNOB (10KEY)		
654	2A,3A		K29-5836-02	KNOB (POWER,TUNING)	TE	
654	2A,3A		K29-5837-02	KNOB (POWER,TUNING)	KPYMR	
655	3A		K29-5838-04	KNOB (BASS,TREBLE)		
656	3A		K29-5839-14	KNOB (BARANCE)		
657	3A		K29-5859-04	KNOB ASSY (VOLUME)		
658	3A		K29-5866-04	KNOB (INPUT SELECTOR)		
⚠ 660	2C	*	L07-0843-05	POWER TRANSFORMER	P	
⚠ 660	2C	*	L07-0844-05	POWER TRANSFORMER	E	
⚠ 660	2C	*	L07-0845-05	POWER TRANSFORMER	T	
⚠ 660	2C	*	L07-0846-05	POWER TRANSFORMER	YM	

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert

No.5

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
⚠ 660	2C	*	L07-0847-05	POWER TRANSFORMER	KR	
A			N08-0128-35	BINDING POST (EARTH)	YMTE	
A			N09-2909-05	TAPTITE SCREW	KPR	
B			N09-0333-05	TAPPING SCREW (3X12)		
C			N09-2907-05	SEMS (TAPTITE SCREW)(3X14)		
D			N82-2608-46	BINDIG HEAD TAPTITE SCREW		
E			N89-3008-45	BINDING HEAD TAPTITE SCREW		
F			N89-3008-46	BINDING HEAD TAPTITE SCREW		
G			N89-3018-46	BINDING HEAD TAPTITE SCREW		
H			N29-0265-15	PUSH RIVET		
665	1B		T90-0175-05	T TYPE ANTENNA		
666	1B		T90-0195-05	LOOP ANTENNA		
667	1B		T90-0185-05	ANTENNA ADAPTOR	TE	
TUNER UNIT(X05-446X-XX) : Except E,T						
C1 ,2			CK73FB1H103K	CHIP C 0.010UF K		
C4			CE04LW1A470M	ELECTRO 47UF 10WV		
C5			CK73FB1H103K	CHIP C 0.010UF K		
C8			CK73FB1H103K	CHIP C 0.010UF K		
C10			CK73FB1H122K	CHIP C 1200PF K		
C11			CE04LW1H4R7M	ELECTRO 4.7UF 50WV		
C13			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C14			CE04LW1H2R2M	ELECTRO 2.2UF 50WV		
C21 ,22			CQ92FM1H163J	MYLAR 0.016UF J	YMX	
C21 ,22			CQ92FM1H243J	MYLAR 0.024UF J	KPR	
C23			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C24			CE04LW1H3R3M	ELECTRO 3.3UF 50WV		
C25			CE04LW1V100M	ELECTRO 10UF 35WV		
C27			CK73FB1E473K	CHIP C 0.047UF K		
C28			CE04LW1V100M	ELECTRO 10UF 35WV		
C31			CE04LW1A470M	ELECTRO 47UF 10WV		
C32			CK73FB1H103K	CHIP C 0.010UF K		
C33			CC73FCH1H270J	CHIP C 27PF J		
C34			CC73FCH1H220J	CHIP C 22PF J		
C35 -38			CK73FB1H471K	CHIP C 470PF K		
C39			CE04LW1C470M	ELECTRO 47UF 16WV		
C40			CK73FB1H223K	CHIP C 0.022UF K		
C41			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C42 ,43			CK73FB1H103K	CHIP C 0.010UF K		
C50			C91-0769-05	CERAMIC 0.01UF K		
C51			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C52			CE04LW1C470M	ELECTRO 47UF 16WV		
C57			CC73FSL1H220J	CHIP C 22PF J		
C65			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C66			CK73FB1H102K	CHIP C 1000PF K		
C71			CE04LW1V100M	ELECTRO 10UF 35WV		
C72			CE04LW1C470M	ELECTRO 47UF 16WV		
C103-106			CE04LW1HR47M	ELECTRO 0.47UF 50WV		
C107			CK73FB1E473K	CHIP C 0.047UF K		
C112			CC73FSL1H101J	CHIP C 100PF J		
C114			CK73FB1H681K	CHIP C 680PF K		
C115,116			CC73FSL1H101J	CHIP C 100PF J		
C121,122			CE04LW1C470M	ELECTRO 47UF 16WV		
C135,136			CQ92FM1H682J	MYLAR 6800PF J	YM	
C182			CC73FSL1H150J	CHIP C 15PF J		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

KR-694/V5560/V6060
PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Telle ohne Parts No. werden nicht geliefert.

No.6

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
J1			E20-0476-05	LOCK TERMINAL BOARD(4P)		
J2		*	F10-0920-14	SHIELDING PLATE		
CF1 ,2			L72-0531-05	CERAMIC FILTER		
CF3			L72-0574-05	CERAMIC FILTER		
L7			L30-0467-05	AM IFT		
L10			L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
L11			L40-1021-14	SMALL FIXED INDUCTOR(1.0MH,K)		
L12			L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
L103			L39-1309-05	COMBINATION COIL		
L106			L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
X1			L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)		
X2			L78-0295-05	RESONATOR (19KHZ)		
⚠ R11			RS14KB3A820J	FL-PROOF RS 82 J 1W		
R31			RS14KB3D221J	FL-PROOF RS 220 J 2W		
R42			RD14NB2E101J	RD 100 J 1/4W		
R111			RD14NB2E470J	RD 47 J 1/4W		
⚠ R127,128			RD14NB2E101J	RD 100 J 1/4W		
W46			R92-0670-05	CHIP R 0 OHM		
W48			R92-0670-05	CHIP R 0 OHM		
S101			S62-0034-05	SLIDE SWITCH(CH,SPACE,EMPASIS)	YM	
D3			HZS5.1N(B2)	ZENER DIODE		
D3			RD5.1ES(B2)	ZENER DIODE		
D4			HZS3.3N(B2)	ZENER DIODE		
D4			RD3.3ES(B2)	ZENER DIODE		
D7			MA110	DIODE		
D8			HSS104	DIODE		
D8			1SS133	DIODE		
D11			HZS6.2N(B2)	ZENER DIODE		
D11			RD8.2ES(B2)	ZENER DIODE		
D111,112			MA110	DIODE		
IC1			LA1831-KEN	ANALOG IC		
IC2			LC7218	IC(PLL SYNTHESIZER)		
IC12			NJM45650	IC(OP AMP X2)		
Q1			2SC2714(R,O)	TRANSISTOR		
Q2			2SC1845(F,E)	TRANSISTOR		
Q3			2SC1740S(Q,R)	TRANSISTOR		
Q3			2SC2785(F,E)	TRANSISTOR		
Q7			2SC2412K	TRANSISTOR		
Q11			2SD863(E,F)	TRANSISTOR		
Q102			2SA1037K	TRANSISTOR		
Q104			2SA1037K	TRANSISTOR		
Q107,108			2SC2412K	TRANSISTOR	YM	
Q109,110			2SC2412K	TRANSISTOR		
Q111			2SA1037K	TRANSISTOR		
DT1			W02-1167-05	FM FRONT-END ASSY		
TUNER UNIT(X05-447X-XX) : E,T type						
C1 ,2			CK73FB1H103K	CHIP C 0.010UF K		
C4			CE04LW1C470M	ELECTRO 47UF 16WV		
C5			CK73FB1H223K	CHIP C 0.022UF K		
C6			CK73FB1E473K	CHIP C 0.047UF K		
C7			CE04LW1H3R3M	ELECTRO 3.3UF 50WV		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components.

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Telle ohne Parts No. werden nicht geliefert.

No.7

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
C8			CK73FB1H682K	CHIP C 6800PF K		
C9			CK73FB1H103K	CHIP C 0.010UF K		
C10			CC73FSL1H330J	CHIP C 33PF J		
C11			CE04LW1V100M	ELECTRO 10UF 35WV		
C12			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C13			CE04LW1HR33M	ELECTRO 0.33UF 50WV		
C14			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C15			CK73FB1H103K	CHIP C 0.010UF K		
C16			C91-0769-05	CERAMIC 0.01UF K		
C17			CK73FB1H223K	CHIP C 0.022UF K		
C21 ,22			CK73FB1H682K	CHIP C 6800PF K		
C23			CE04LW1V100M	ELECTRO 10UF 35WV		
C25			CE04LW1V100M	ELECTRO 10UF 35WV		
C27			CE04LW1V100M	ELECTRO 10UF 35WV		
C28			CK73FB1E473K	CHIP C 0.047UF K		
C31			CE04LW1A470M	ELECTRO 47UF 10WV		
C32			CK73FB1H103K	CHIP C 0.010UF K		
C33			CC73FCH1H270J	CHIP C 27PF J		
C34			CC73FCH1H220J	CHIP C 22PF J		
C35 -38			CK73FB1H471K	CHIP C 470PF K		
C39			CE04LW1C470M	ELECTRO 47UF 16WV		
C40			CQ92FM1H223J	MYLAR 0.022UF J		
C41			CE04HW1H2R2M	NP-ELEC 2.2UF 50WV		
C42 ,43			CK73FB1H103K	CHIP C 0.010UF K		
C45 ,46			CE04LW1V100M	ELECTRO 10UF 35WV		
C47 ,48			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C50			C91-0769-05	CERAMIC 0.01UF K		
C51			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C52			CE04LW1C470M	ELECTRO 47UF 16WV		
C56			CC73FCH1H220J	CHIP C 22PF J		
C58 ,59			CK73FB1H472K	CHIP C 4700PF K		
C65			CE04LW1H010M	ELECTRO 1.0UF 50WV		
C66			C91-0769-05	CERAMIC 0.01UF K		
C72			CE04LW1C470M	ELECTRO 47UF 16WV		
C107			CK73FB1E473K	CHIP C 0.047UF K		
C121,122			CE04LW1C470M	ELECTRO 47UF 16WV		
C123			CE04LW1H0R1M	ELECTRO 0.1UF 50WV		
C172			CC73FSL1H330J	CHIP C 33PF J		
C173-175			CK73FB1H102K	CHIP C 1000PF K		
C182			CC73FSL1H150J	CHIP C 15PF J		
J1			E20-0321-05	LOCK TERMINAL BOARD		
J2		*	F10-0921-14	SHIELDING PLATE		
CF1 ,2			L72-0536-05	CERAMIC FILTER		
L1 ,2			L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
L3			L30-0496-05	FM IFT		
L4			L30-0497-05	FM IFT		
L5			L79-0125-05	LC FILTER		
L7			L30-0467-05	AM IFT		
L8 ,9			L79-0790-05	LC FILTER		
L10			L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
L103			L39-1309-05	COMBINATION COIL		
L106			L40-1091-17	SMALL FIXED INDUCTOR(1UH)		
X1			L77-1122-05	CRYSTAL RESONATOR(7.2MHZ)		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components.

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.8

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
X2			L78-0295-05	RESONATOR (19KHZ)		
R31			RS14KB3D221J	FL-PROOF RS 220 J 2W		
R42			RD14NB2E101J	RD 100 J 1/4W		
R111			RD14NB2E470J	RD 47 J 1/4W		
R127,128			RD14NB2E101J	RD 100 J 1/4W		
VR1			R12-3686-05	TRIMMING POT.(22K)		
VR2			R12-3685-05	TRIMMING POT.(10K)		
VR3			R12-1619-05	TRIMMING POT.(4.7K)		
W100-103			R92-0670-05	CHIP R 0 OHM		
W200-211			R92-0679-05	CHIP R 0 OHM		
D3			HZS5.1N(B2)	ZENER DIODE		
D3			RD5.1ES(B2)	ZENER DIODE		
D4			HZS3.3N(B2)	ZENER DIODE		
D4			RD3.3ES(B2)	ZENER DIODE		
D5			HSS104	DIODE		
D5			1SS133	DIODE		
D11			HZS10N(B)	ZENER DIODE		
D11			RD10ES(B)	ZENER DIODE		
D111,112			HSS104	DIODE		
D111,112			1SS133	DIODE		
D117,118			1SS268	DIODE		
D121			MA110	DIODE		
D125			MA110	DIODE		
IC1			LA1851N	IC(AM,FM TUNER)		
IC2			LC7218	IC(PLL SYNTHESIZER)		
IC3			NJM4565D	IC(OP AMP X2)		
IC4			M5223P	IC(OP AMP X2)		
Q1			2SC2714(R,O)	TRANSISTOR		
Q2			2SC1845(F,E)	TRANSISTOR		
Q3 ,4			2SC2412K	TRANSISTOR		
Q5			2SA1037K	TRANSISTOR		
Q7 ,8			2SC2412K	TRANSISTOR		
Q9			2SA1037K	TRANSISTOR		
Q10			2SC2412K	TRANSISTOR		
Q11			2SD863(E,F)	TRANSISTOR		
Q102			2SA1037K	TRANSISTOR		
Q109,110			2SC2412K	TRANSISTOR		
Q111			2SA1037K	TRANSISTOR		
DT1			W02-1166-15	FM FRONT-END ASSY		
MAIN AMP UNIT(X07-277X-XX) : K,P,R type						
C1 ,2			CC45FSL1H101J	CERAMIC 100PF J		
C3 ,4			CK45FF1H103Z	CERAMIC 0.010UF Z		
C7 ,8			CQ92FM1H104J	MYLAR 0.10UF J		
C9 -12			CK45FF1H103Z	CERAMIC 0.010UF Z		
C13 ,14			CQ92FM1H104J	MYLAR 0.10UF J		
C17 ,18			CK45FF1H103Z	CERAMIC 0.010UF Z		
C21			CE04LW0J221M	ELECTRO 220UF 6.3WV		
C22			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C31 ,32			CK45FF1H103Z	CERAMIC 0.010UF Z		
C33 ,34			C90-3536-05	ELECTRO 6800UF 71WV		6
C33 ,34		*	C90-3538-05	ELECTRO 6800UF 63WV		4
C33 ,34		*	C90-3538-05	ELECTRO 6800UF 63WV		5
C35			CE04LW1J100M	ELECTRO 10UF 63WV		4

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.9

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
C35			CE04LW1J100M	ELECTRO 10UF 63WV		5
C35			CE04LW2A100M	ELECTRO 10UF 100WV		6
C36		*	CE04LW1J331M	ELECTRO 330UF 63WV		4
C36		*	CE04LW1J331M	ELECTRO 330UF 63WV		5
C36			CE04LW2A331M	ELECTRO 330UF 100WV		6
C37			CE04LW1V102M	ELECTRO 1000UF 35WV		
C39 ,40			CK45FB1H102K	CERAMIC 1000PF K		
C41 -45			CE04LW1C470M	ELECTRO 47UF 16WV		
C46			CK45FF1H103Z	CERAMIC 0.010UF Z		
C47 ,48			CK45FE2H103P	CERAMIC 0.010UF P		6
C50			CE04LW1J221M	ELECTRO 220UF 63WV		
C51			CE04LW1V100M	ELECTRO 10UF 35WV		
⚠ C59			C91-1488-05	MF 6800PF 250VAC		
C60			CK45FF1H103Z	CERAMIC 0.010UF Z		
C61			CE04EW1E331M	ELECTRO 330UF 25WV		
C62 ,63			CE04LW1A470M	ELECTRO 47UF 10WV		
C65			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C70			CK45FF1H103Z	CERAMIC 0.010UF Z		
C71 -74			CK45FB1H102K	CERAMIC 1000PF K		
C83			CK45FF1H103Z	CERAMIC 0.010UF Z		
C84			CK45FB1H471K	CERAMIC 470PF K		
C85			CK45FB1H471K	CERAMIC 470PF K		6
C90			CE04LW1A470M	ELECTRO 47UF 10WV		
C91			CE04LW0J471M	ELECTRO 470UF 6.3WV		
C92 ,93			CK45FF1H103Z	CERAMIC 0.010UF Z		
C95 ,96			CE04LW1V100M	ELECTRO 10UF 35WV		
C99 ,100			CC45FSL1H470J	CERAMIC 47PF J		
C101-103			CK45FF1H103Z	CERAMIC 0.010UF Z		
C104,105			CC45FSL1H221J	CERAMIC 220PF J		
C106			CK45FF1H473Z	CERAMIC 0.047UF Z		
⚠ J3			E03-0117-05	AC OUTLET		
J4			E70-0047-05	LOCK TERMINAL BOARD		
J5			E70-0046-05	LOCK TERMINAL BOARD		
J6			E11-0127-05	PHONE JACK (3P)		
J7			E63-0069-15	PHONO JACK		
J8			E11-0188-05	MINIATURE PHONE JACK(2P ﾌﾗ)		
⚠ F1			F05-6029-05	FUSE (UL) (125V 6A)		
⚠ F6			F04-1026-05	FUSE (UL) (250V 1A)		
CN5 ,6			J13-0075-05	FUSE CLIP		
CN11,12			J13-0075-05	FUSE CLIP		
J2			J11-0098-05	WIRE CLAMPER		
L1 -4			L39-0065-05	PHASE COMPENSATION COIL		
⚠ T1			L07-0864-05	POWER TRANSFORMER		
J			N35-3008-46	BINDING HEAD MACHINE SCREW		
CP1 ,2			R90-0840-05	RD 0.22 5W		
CP3 ,4			R90-0840-05	RD 0.22 5W		4
CP3 ,4			R90-0840-05	RD 0.22 5W		5
CP3 ,4			R90-0888-05	MULTIPLE RESISTOR		6
R5 -8			RD14NB2E220J	RD 22 J 1/4W		
R9 ,10			RS14KB3D4R7J	FL-PROOF RS 4.7 J 2W		
R11 ,12			RD14NB2E100J	RD 10 J 1/4W		
R13 ,14			RD14NB2E332J	RD 3.3K J 1/4W		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

KR-694/V5560/V6060
PARTS LIST

KR-694/V5560/V6060

PARTS LIST

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Telle ohne Parts No. werden nicht geliefert.

No.10

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
R25 -28			RD14NB2E220J	RD 22 J 1/4W		
R29 ,30			RS14KB3D4R7J	FL-PROOF RS 4.7 J 2W		
R31 ,32			RD14NB2E100J	RD 10 J 1/4W		
R33 ,34			RD14NB2E332J	RD 3.3K J 1/4W		
R55 ,56			RS14KB3A561J	FL-PROOF RS 560 J 1W		
⚠ R61			RD14NB2E100J	RD 10 J 1/4W		
⚠ R62			RD14NB2E470J	RD 47 J 1/4W		
⚠ R64 ,65			RS14KB3D151J	FL-PROOF RS 150 J 2W		
R71			RD14NB2E101J	RD 100 J 1/4W		
⚠ R76			RS14KB3D271J	FL-PROOF RS 270 J 2W		
⚠ R78 ,79			RS14KB3D271J	FL-PROOF RS 270 J 2W		
⚠ R80			RD14NB2E180J	RD 18 J 1/4W		
R81			RD14NB2E682J	RD 6.8K J 1/4W		
⚠ R91 ,92			RD14NB2E470J	RD 47 J 1/4W		
⚠ R119			R92-1769-05	CARBON 3.3M J 1/2W		
⚠ R128			RD14NB2E1R5J	RD 1.5 J 1/4W		
⚠ R170,171			RS14KB3A391J	FL-PROOF RS 390 J 1W		
VR1 -4			R12-1617-05	TRIMMING POT.(2.2K)		
K1 ,2			S51-2078-05	MAGNETIC RELAY		6
K1 ,2			S51-2092-05	MAGNETIC RELAY		6
K1 ,2			S76-0005-05	MAGNETIC RELAY		5
K1 ,2			S76-0005-05	MAGNETIC RELAY		4
K3			S76-0005-05	MAGNETIC RELAY		
K4			S76-0016-05	MAGNETIC RELAY		6
K4			S76-0017-05	MAGNETIC RELAY		6
⚠ K5			S76-0009-05	MAGNETIC RELAY		
S1			S31-2132-05	SLIDE SWITCH		6
D1 -5			HSS104A	DIODE		
D1 -5			1SS131	DIODE		
D6			HZS5.1N(B2)	ZENER DIODE		
D6			RD5.1ES(B2)	ZENER DIODE		
⚠ D7			D5SBA20F03	DIODE		
⚠ D7			RBV-602LFA	DIODE		
D8			D5SBA20F03	DIODE		6
D8			RBV-602LFA	DIODE		6
⚠ D9 -12			S5688B	DIODE		
⚠ D9 -12			1SR139-100	DIODE		
D13			HZS6.2N(B2)	ZENER DIODE		
D13			RD6.2ES(B2)	ZENER DIODE		
D14			HZS8.2N(B2)	ZENER DIODE		
D14			RD8.2ES(B2)	ZENER DIODE		
D15			HZS2.7N(B2)	ZENER DIODE		
D15			RD2.7ES(B2)	ZENER DIODE		
⚠ D16 ,17			S5688B	DIODE		
⚠ D16 ,17			1SR139-100	DIODE		
D18 ,19			HZS16N(B2)	ZENER DIODE		
D18 ,19			RD16ES(B2)	ZENER DIODE		
D21 -23			HSS104	DIODE		
D21 -23			1SS133	DIODE		
D24			HSS104	DIODE		6
D24			1SS133	DIODE		6
D25 -27			HSS104	DIODE		
D25 -27			1SS133	DIODE		
⚠ D28 ,29			HSS104A	DIODE		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components.

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Telle ohne Parts No. werden nicht geliefert.

No.11

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
⚠ D28 ,29			1SS131	DIODE		
⚠ D30 -33			S5688B	DIODE		
⚠ D30 -33			1SR139-100	DIODE		
D34			HZS6.2N(B2)	ZENER DIODE		
D34			RD6.2ES(B2)	ZENER DIODE		
D35			HSS104	DIODE		
D35			1SS133	DIODE		
D37 -40			HSS104	DIODE		
D37 -40			1SS133	DIODE		
D41 -44			HSS104A	DIODE		
D41 -44			1SS131	DIODE		
D45 -52			HZS13N(B2)	ZENER DIODE		
D45 -52			RD13ES(B2)	ZENER DIODE		
D53 -56			HZS5.1N(B2)	ZENER DIODE		
D53 -56			RD5.1ES(B2)	ZENER DIODE		
D58 ,59			HSS104	DIODE		
D58 ,59			1SS133	DIODE		
D60 ,61			HZS5.1N(B2)	ZENER DIODE		
D60 ,61			RD5.1ES(B2)	ZENER DIODE		
D62 ,63			HSS104	DIODE		
D62 ,63			1SS133	DIODE		
IC1			NJM2279D	IC(VIDEO IC)		
Q1 -6			2SC1845(F,E)	TRANSISTOR		
Q7			2SA992(F,E)	TRANSISTOR		
⚠ Q8			2SA1534A(R,S)	TRANSISTOR		
⚠ Q9 ,10			2SD2012	TRANSISTOR		
⚠ Q9 ,10			2SD2061	TRANSISTOR		
⚠ Q9 ,10			2SD2374	TRANSISTOR		
Q11			2SC1740S(Q,R)	TRANSISTOR		
Q11			2SC2785(F,E)	TRANSISTOR		
Q12			2SA1175(F,E)	TRANSISTOR		
Q12			2SA933S(Q,R)	TRANSISTOR		
Q13			2SC1740S(Q,R)	TRANSISTOR		
Q13			2SC2785(F,E)	TRANSISTOR		
Q14			2SA1175(F,E)	TRANSISTOR		
Q14			2SA933S(Q,R)	TRANSISTOR		
Q21 -23			2SC1740S(Q,R)	TRANSISTOR		
Q21 -23			2SC2785(F,E)	TRANSISTOR		
Q24			2SC1740S(Q,R)	TRANSISTOR		6
Q24			2SC2785(F,E)	TRANSISTOR		6
⚠ Q25			2SC3940A(R,S)	TRANSISTOR		
Q26			2SC2003(L,K)	TRANSISTOR		
Q31			2SA1175(F,E)	TRANSISTOR		6
Q31			2SA933S(Q,R)	TRANSISTOR		6
Q32			2SC1740S(Q,R)	TRANSISTOR		6
Q32			2SC2785(F,E)	TRANSISTOR		6
Q33			2SA1175(F,E)	TRANSISTOR		6
Q33			2SA933S(Q,R)	TRANSISTOR		6
Q34			2SC1740S(Q,R)	TRANSISTOR		6
Q34			2SC2785(F,E)	TRANSISTOR		6
Q35 ,36			2SC1845(F,E)	TRANSISTOR		6
Q37 ,38			2SA992(F,E)	TRANSISTOR		6
Q39			2SA1175(F,E)	TRANSISTOR		
Q39			2SA933S(Q,R)	TRANSISTOR		
Q40			2SC1740S(Q,R)	TRANSISTOR		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components.

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.12

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格			Destination 仕向	Remarks 備考
Q40			2SC2785(F,E)	TRANSISTOR				
Q41 ,42			2SC1845(F,E)	TRANSISTOR				
Q43 ,44			2SA992(F,E)	TRANSISTOR				
Q101,102			2SD2222BT	TRANSISTOR				6
Q101,102			2SD2255BT	TRANSISTOR				4
Q101,102			2SD2255BT	TRANSISTOR				5
Q103,104			2SB1470BT	TRANSISTOR				6
Q103,104			2SB1493BT	TRANSISTOR				4
Q103,104			2SB1493BT	TRANSISTOR				5
Q105,106			2SC4137F19(V,W)	TRANSISTOR				
Q107,108			2SD2255BT	TRANSISTOR				
⚠ Q109,110			2SB1493BT	TRANSISTOR				
⚠ Q111,112			2SC4137F19(V,W)	TRANSISTOR				
MAIN AMP UNIT(X07-278X-XX) : Y,M,X,E,T type								
C1 ,2			CC45FSL1H101J	CERAMIC	100PF	J		
C3 ,4			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C5 -8			CF92FV1H224J	MF	0.22UF	J	E	
C7 ,8			CQ92FM1H104J	MYLAR	0.10UF	J	YMTX	
C9 -12			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C13 -16			CF92FV1H224J	MF	0.22UF	J	E	
C13 ,14			CQ92FM1H104J	MYLAR	0.10UF	J	YMTX	
C17 ,18			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C19 ,20			CC45FSL1H561J	CERAMIC	560PF	J	E	
C21			CE04LW0J221M	ELECTRO	220UF	6.3WV		
C22			CE04LW1V4R7M	ELECTRO	4.7UF	35WV		
C31 ,32			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C33 ,34			C90-3536-05	ELECTRO	6800UF	71WV		6
C33 ,34		*	C90-3538-05	ELECTRO	6800UF	63WV		4
C33 ,34		*	C90-3538-05	ELECTRO	6800UF	63WV		5
C35			CE04LW1J100M	ELECTRO	10UF	63WV		4
C35			CE04LW1J100M	ELECTRO	10UF	63WV		5
C35			CE04LW2A100M	ELECTRO	10UF	100WV		6
C36		*	CE04LW1J331M	ELECTRO	330UF	63WV		4
C36		*	CE04LW1J331M	ELECTRO	330UF	63WV		5
C36			CE04LW2A331M	ELECTRO	330UF	100WV		6
C37			CE04LW1V102M	ELECTRO	1000UF	35WV		
C39 ,40			CK45FB1H102K	CERAMIC	1000PF	K		
C41 -45			CE04LW1C470M	ELECTRO	47UF	16WV		
C46			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C47 ,48			CK45FF2H103P	CERAMIC	0.010UF	P		6
C49			CK45FF1H103Z	CERAMIC	0.010UF	Z	E	
C50			CE04LW1J221M	ELECTRO	220UF	63WV		
C51			CE04LW1V100M	ELECTRO	10UF	35WV		
C52			CK45FF1H103Z	CERAMIC	0.010UF	Z	E	
⚠ C59			C91-1488-05	MF	6800PF	250VAC		
C60			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C61			CE04EW1E331M	ELECTRO	330UF	25WV		
C62 ,63			CE04LW1A470M	ELECTRO	47UF	10WV		
C65			CE04LW1V4R7M	ELECTRO	4.7UF	35WV		
C70			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C71 -74			CK45FB1H102K	CERAMIC	1000PF	K		
C75 -79			CK45FF1H472Z	CERAMIC	4700PF	Z	E	
C81			CK45FF1H472Z	CERAMIC	4700PF	Z	E	
C83			CK45FF1H103Z	CERAMIC	0.010UF	Z		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components.

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.13

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格			Destination 仕向	Remarks 備考
C84			CK45FB1H471K	CERAMIC	470PF	K		
C85			CK45FB1H471K	CERAMIC	470PF	K		6
C90			CE04LW1A470M	ELECTRO	47UF	10WV		
C91			CE04LW0J471M	ELECTRO	470UF	6.3WV		
C92 ,93			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C95 ,96			CE04LW1V100M	ELECTRO	10UF	35WV		
C99 ,100			CC45FSL1H470J	CERAMIC	47PF	J		
C101-103			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C104,105			CC45FSL1H221J	CERAMIC	220PF	J		
C106			CK45FF1H473Z	CERAMIC	0.047UF	Z		
⚠ J3			E03-0117-05	AC OUTLET			Y	
J4			E70-0047-05	LOCK TERMINAL BOARD				
J5			E70-0046-05	LOCK TERMINAL BOARD				
J6			E11-0127-05	PHONE JACK				5
J6			E11-0127-05	PHONE JACK				4
J6			E11-0190-05	PHONE JACK				6
J7			E63-0069-15	PHONO JACK				
J8			E11-0188-05	MINIATURE PHONE JACK(2P)				
⚠ J11 ,12			E03-0108-05	AC OUTLET			ME	
⚠ J11 ,12			E03-0109-05	AC OUTLET			T	
⚠ F1			F05-3121-05	FUSE (SEMKO)	(250V T3.15AL)		TEX	
⚠ F1 ,2			F05-3121-05	FUSE (SEMKO)	(250V T3.15AL)		YM	
⚠ F3			F05-2525-05	FUSE (SEMKO)	(250V T2.5AL)		MTE	
⚠ F6			F06-1022-05	FUSE (SEMKO)	(250V T1AL)			
CN5 ,6			J13-0075-05	FUSE CLIP				
CN7 ,8			J13-0075-05	FUSE CLIP			YM	
CN9 ,10			J13-0075-05	FUSE CLIP			MTE	
CN11,12			J13-0075-05	FUSE CLIP				
J2			J11-0098-05	WIRE CLAMPER				
L1 -4			L39-0085-05	PHASE COMPENSATION COIL				
⚠ T1			L07-0865-05	POWER TRANSFORMER			YM	
⚠ T1			L07-0866-05	POWER TRANSFORMER			TX	
⚠ T1			L07-0867-05	POWER TRANSFORMER			E	
J			N35-3008-46	BINDING HEAD MACHINE SCREW				
CP1 ,2			R90-0840-05	RD	0.22	5W		
CP3 ,4			R90-0840-05	RD	0.22	5W		4
CP3 ,4			R90-0840-05	RD	0.22	5W		5
CP3 ,4			R90-0866-05	MULTIPLE RESISTOR				6
R5 -8			RD14NB2E220J	RD	22	J 1/4W		
R9 ,10			RS14KB3D4R7J	FL-PROOF RS	4.7	J 2W		
R11 ,12			RD14NB2E100J	RD	10	J 1/4W		
R13 ,14			RD14NB2E332J	RD	3.3K	J 1/4W		
R15 ,16		*	RD14NB2C112J	RD	1.1K	J 1/6W		5
R15 ,16		*	RD14NB2C112J	RD	1.1K	J 1/6W		4
R25 -28			RD14NB2E220J	RD	22	J 1/4W		
R29 ,30			RS14KB3D4R7J	FL-PROOF RS	4.7	J 2W		
R31 ,32			RD14NB2E100J	RD	10	J 1/4W		
R33 ,34			RD14NB2E332J	RD	3.3K	J 1/4W		
R35 ,36		*	RD14NB2C112J	RD	1.1K	J 1/6W		5
R35 ,36		*	RD14NB2C112J	RD	1.1K	J 1/6W		4
R55 ,56			RS14KB3A561J	FL-PROOF RS	560	J 1W		
R61			RD14NB2E100J	RD	10	J 1/4W		
R62			RD14NB2E470J	RD	47	J 1/4W		
R64 ,65			RS14KB3D151J	FL-PROOF RS	150	J 2W		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Telle ohne Parts No. werden nicht geliefert.

No.14

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
R71			RD14NB2E101J	RD 100 J 1/4W		
R76			RS14KB3D271J	FL-PROOF RS 270 J 2W		
R77			RS14KB3D271J	FL-PROOF RS 270 J 2W	E	
R78 ,79			RS14KB3D271J	FL-PROOF RS 270 J 2W		
R80			RD14NB2E180J	RD 18 J 1/4W		
R81			RD14NB2E682J	RD 6.8K J 1/4W		
R91 ,92			RD14NB2E470J	RD 47 J 1/4W		
R128			RD14NB2E1R5J	RD 1.5 J 1/4W		
R170,171			RS14KB3A391J	FL-PROOF RS 390 J 1W		
VR1 -4			R12-1617-05	TRIMMING POT.(2.2K)		
K1 ,2			S51-2078-05	MAGNETIC RELAY		6
K1 ,2			S51-2092-05	MAGNETIC RELAY		6
K1 ,2			S76-0005-05	MAGNETIC RELAY		5
K1 ,2			S76-0005-05	MAGNETIC RELAY		4
K3			S76-0005-05	MAGNETIC RELAY		
K4			S76-0016-05	MAGNETIC RELAY		6
K4			S76-0017-05	MAGNETIC RELAY		6
⚠ K5			S76-0009-05	MAGNETIC RELAY		
S1			S31-2132-05	SLIDE SWITCH		6
⚠ S2			S31-3010-05	SLIDE SWITCH	YM	
D1 -5			HSS104A	DIODE		
D1 -5			1SS131	DIODE		
D6			HZS5.1N(B2)	ZENER DIODE		
D6			RD5.1ES(B2)	ZENER DIODE		
D7			D5SBA20F03	DIODE		
D7			RBV-602LFA	DIODE		
D8			D5SBA20F03	DIODE		6
D8			RBV-602LFA	DIODE		6
D9 -12			S5688B	DIODE		
D9 -12			1SR139-100	DIODE		
D13			HZS6.2N(B2)	ZENER DIODE		
D13			RD6.2ES(B2)	ZENER DIODE		
D14			HZS8.2N(B2)	ZENER DIODE		
D14			RD8.2ES(B2)	ZENER DIODE		
D15			HZS2.7N(B2)	ZENER DIODE		
D15			RD2.7ES(B2)	ZENER DIODE		
D16 ,17			S5688B	DIODE		
D16 ,17			1SR139-100	DIODE		
D18 ,19			HZS16N(B2)	ZENER DIODE		
D18 ,19			RD16ES(B2)	ZENER DIODE		
D21 -23			HSS104	DIODE		
D21 -23			1SS133	DIODE		
D24			HSS104	DIODE		6
D24			1SS133	DIODE		6
D25 -27			HSS104	DIODE		
D25 -27			1SS133	DIODE		
D28 ,29			HSS104A	DIODE		
D28 ,29			1SS131	DIODE		
D30 -33			S5688B	DIODE		
D30 -33			1SR139-100	DIODE		
D34			HZS6.2N(B2)	ZENER DIODE		
D34			RD6.2ES(B2)	ZENER DIODE		
D35			HSS104	DIODE		
D35			1SS133	DIODE		
D37 -40			HSS104	DIODE		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Telle ohne Parts No. werden nicht geliefert.

No.15

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
D37 -40			1SS133	DIODE		
D41 -44			HSS104A	DIODE		
D41 -44			1SS131	DIODE		
D45 -52			HZS13N(B2)	ZENER DIODE		
D45 -52			RD13ES(B2)	ZENER DIODE		
D53 -56			HZS5.1N(B2)	ZENER DIODE		
D53 -56			RD5.1ES(B2)	ZENER DIODE		
D58 ,59			HSS104	DIODE		
D58 ,59			1SS133	DIODE		
D60 ,61			HZS5.1N(B2)	ZENER DIODE		
D60 ,61			RD5.1ES(B2)	ZENER DIODE		
D62 ,63			HSS104	DIODE		
D62 ,63			1SS133	DIODE		
IC1			NJM2279D	IC(VIDEO IC)		
Q1 -6			2SC1845(F,E)	TRANSISTOR		
Q7			2SA992(F,E)	TRANSISTOR		
Q8			2SA1534A(R,S)	TRANSISTOR		
Q9 ,10			2SD2012	TRANSISTOR		
Q9 ,10			2SD2061	TRANSISTOR		
Q9 ,10			2SD2374	TRANSISTOR		
Q11			2SC1740S(Q,R)	TRANSISTOR		
Q11			2SC2785(F,E)	TRANSISTOR		
Q12			2SA1175(F,E)	TRANSISTOR		
Q12			2SA933S(Q,R)	TRANSISTOR		
Q13			2SC1740S(Q,R)	TRANSISTOR		
Q13			2SC2785(F,E)	TRANSISTOR		
Q14			2SA1175(F,E)	TRANSISTOR		
Q14			2SA933S(Q,R)	TRANSISTOR		
Q21 -23			2SC1740S(Q,R)	TRANSISTOR		
Q21 -23			2SC2785(F,E)	TRANSISTOR		
Q24			2SC1740S(Q,R)	TRANSISTOR		6
Q24			2SC2785(F,E)	TRANSISTOR		6
Q25			2SC3940A(R,S)	TRANSISTOR		
Q26			2SC2003(L,K)	TRANSISTOR		
Q31			2SA1175(F,E)	TRANSISTOR		6
Q31			2SA933S(Q,R)	TRANSISTOR		6
Q32			2SC1740S(Q,R)	TRANSISTOR		6
Q32			2SC2785(F,E)	TRANSISTOR		6
Q33			2SA1175(F,E)	TRANSISTOR		6
Q33			2SA933S(Q,R)	TRANSISTOR		6
Q34			2SC1740S(Q,R)	TRANSISTOR		6
Q34			2SC2785(F,E)	TRANSISTOR		6
Q35 ,36			2SC1845(F,E)	TRANSISTOR		6
Q37 ,38			2SA992(F,E)	TRANSISTOR		6
Q39			2SA1175(F,E)	TRANSISTOR		
Q39			2SA933S(Q,R)	TRANSISTOR		
Q40			2SC1740S(Q,R)	TRANSISTOR		
Q40			2SC2785(F,E)	TRANSISTOR		
Q41 ,42			2SC1845(F,E)	TRANSISTOR		
Q43 ,44			2SA992(F,E)	TRANSISTOR		
Q101,102			2SD2222BT	TRANSISTOR		6
Q101,102			2SD2255BT	TRANSISTOR		4
Q101,102			2SD2255BT	TRANSISTOR		5
Q103,104			2SB1470BT	TRANSISTOR		6
Q103,104			2SB1493BT	TRANSISTOR		4

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.18

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
C205			CE04LW1C101M	ELECTRO 100UF 16WV		
C207			CK45F1H103Z	CERAMIC 0.010UF Z		
C208,209			CK45F1H473Z	CERAMIC 0.047UF Z		
C210-213			CC45CH1H331J	CERAMIC 330PF K		
C220-222			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		
C223			C90-3247-05	ELECTRO 47UF 35WV		
C301			CF92FV1H271K	MF 270PF K		
C302			CE04LW1V100M	ELECTRO 10UF 35WV	TE	
C303,304			CK45F1H103Z	CERAMIC 0.010UF Z	TE	
C305			CE04LW1V100M	ELECTRO 10UF 35WV	TE	
C306,307			CC45FCH1H270J	CERAMIC 27PF J	TE	
C308			CE04LW1V100M	ELECTRO 10UF 35WV	TE	
C309,310			CK45F1H103Z	CERAMIC 0.010UF Z	TE	
C311			CE04LW1V470M	ELECTRO 47UF 35WV	TE	
C312			CK45F1H103Z	CERAMIC 0.010UF Z	TE	
J1 ,2			E63-0067-15	PHONO JACK		
J3			E63-0068-15	PHONO JACK		
L1			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)		
L201,202			L40-1001-17	SMALL FIXED INDUCTOR(10UH,K)	TE	
L203-205			L40-1091-17	SMALL FIXED INDUCTOR(1UH)	TE	
X1			L78-0290-05	RESONATOR (8MHZ)		
X201			L77-2002-05	CRYSTAL RESONATOR(4.332MHZ)	TE	
X202			L78-0503-05	RESONATOR (4.00MHZ)	TE	
R51			RN14BK2C3902F	RN 39.0K F 1/6W		
R54			RD14NB2E150J	RD 15 J 1/4W		
R87			RD14NB2E150J	RD 15 J 1/4W		
R93 ,94			RD14NB2E8R2J	RD 8.2 J 1/4W		
R115,116			RD14NB2E221J	RD 220 J 1/4W		
R121,122			RD14NB2E331J	RD 330 J 1/4W		
R123,124			RD14NB2E221J	RD 220 J 1/4W		
R153,154			RD14NB2E221J	RD 220 J 1/4W		
R159,160			RD14NB2E221J	RD 220 J 1/4W		
R161,162			RD14NB2E331J	RD 330 J 1/4W		
R213			RD14NB2C102J	RD 1.0K J 1/6W		6
R217,218			RD14NB2E100J	RD 10 J 1/4W		
R309			RS14KB3D331J	FL-PROOF RS 330 J 2W	TE	
VR1			R29-5087-05	POTENTIOMETER(100KX4)		6
VR1			R29-5088-05	POTENTIOMETER(100KX4)		4
VR1			R29-5088-05	POTENTIOMETER(100KX4)		5
VR2			R05-5060-05	POTENTIOMETER(200K)		
VR3			R12-1617-05	TRIMMING POT.(2.2K)		
D3 -10			HSS104	DIODE		
D3 -10			1SS133	DIODE		
D11			HZS5.1N(B2)	ZENER DIODE		
D11			RD5.1ES(B2)	ZENER DIODE		
D21 ,22			HSS104	DIODE		
D21 ,22			1SS133	DIODE		
D23 ,24			HSS104A	DIODE		
D23 ,24			1SS131	DIODE		
D25 ,26			S5688B	DIODE		
D25 ,26			1SR139-100	DIODE		
D27 ,28			HSS104	DIODE		
D27 ,28			1SS133	DIODE		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.19

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
D39 ,40			HSS104A	DIODE		
D39 ,40			1SS131	DIODE		
D41			HZS4.7N(B2)	ZENER DIODE		
D41			RD4.7ES(B2)	ZENER DIODE		
D42			HSC104A	DIODE		
D42			1SS131	DIODE		
D51			HZS5.1N(B2)	ZENER DIODE		6
D51			RD5.1ES(B2)	ZENER DIODE		6
D52			HZS10N(B2)	ZENER DIODE		
D52			RD10ES(B2)	ZENER DIODE		
D61 -66			HSS104	DIODE		
D61 -66			1SS133	DIODE		
D301			HZS5.1N(B2)	ZENER DIODE	TE	
D301			RD5.1ES(B2)	ZENER DIODE	TE	
IC1			NJM4580D-D	IC(OP AMP X2)		
IC2			NJM2113L	IC(ANALOG SWITCH)		
IC3			NJM2111L	IC(ANALOG SWITCH)		
IC4			LA2785	IC(DOLBY PRO LOGIC DECODER IC)		
IC5			LV1010	DI BI-POLAR IC		
IC7 ,8			NJM4580D-D	IC(OP AMP X2)		
IC9			TA8409S	IC(MOTOR CONTROL)		
IC11,12			NJM4565L	IC(OP AMP X2)		
IC201			TDA7330B	IC(RDS DEMODULATOR)	TE	
IC202			LC6543H-4600	IC	TE	
Q1 ,2			DTC124ES	DIGITAL TRANSISTOR		
Q1 ,2			UN4212	TRANSISTOR		
Q4			DTC124ES	DIGITAL TRANSISTOR		
Q4			UN4212	TRANSISTOR		
Q11 -14			2SA992(F,E)	TRANSISTOR		
Q15 -18			2SC2631(R,S)	TRANSISTOR		
Q19 ,20			2SA1123(R,S)	TRANSISTOR		
Q33 -36			2SA992(F,E)	TRANSISTOR		
Q37 -40			2SC2631(R,S)	TRANSISTOR		
Q41 ,42			2SA1123(R,S)	TRANSISTOR		
Q43			2SA933S(Q,R)	TRANSISTOR		
Q44 -47			2SC2878(B)	TRANSISTOR		
Q48			2SC1740S(Q,R)	TRANSISTOR		
Q48			2SC2785(F,E)	TRANSISTOR		
Q49			DTC124ES	DIGITAL TRANSISTOR		
Q49			UN4212	TRANSISTOR		
Q51 ,52			2SC1740S(Q,R)	TRANSISTOR		
Q51 ,52			2SC2785(F,E)	TRANSISTOR		
Q53			2SC3940A(R,S)	TRANSISTOR		
Q54			2SC2878(B)	TRANSISTOR		

DISPLAY UNIT(X14-388X-XX)

D41 ,42			B30-2430-05	LED		6
D43			B30-2461-05	LED(RED,5mm)		
D46			B30-2430-05	LED		6
D48			B30-2461-05	LED(RED,5mm)		5
D49			B30-2461-05	LED(RED,5mm)		4
C1			C90-3224-05	ELECTRO 4.7UF 16WV		
C2			C90-3253-05	ELECTRO 1UF 50WV		
C3			C90-1827-05	BACKUP 0.047F 5.5WV		
C4			CE04LW1A101M	ELECTRO 100UF 10WV		
C5 ,6			CE04LW1V4R7M	ELECTRO 4.7UF 35WV		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

KR-694/V5560/V6060
PARTS LIST

※ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.16

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格			Destination 仕向	Remarks 備考
Q103,104			2SB1493BT	TRANSISTOR				5
Q105,106			2SC4137F19(V,W)	TRANSISTOR				
⚠ Q107,108			2SD2255BT	TRANSISTOR				
⚠ Q109,110			2SB1493BT	TRANSISTOR				
Q111,112			2SC4137F19(V,W)	TRANSISTOR				
AUDIO UNIT(X09-394X-XX)								
C1 -4			C9.-0749-05	CERAMIC	220PF	K	TE	
C5 ,6			C91-0749-05	CERAMIC	220PF	K		
C7 ,8			C91-0749-05	CERAMIC	220PF	K	TE	
C9 ,10			C91-0749-05	CERAMIC	220PF	K		
C11 ,12			C91-0749-05	CERAMIC	220PF	K	TE	
C13 ,14			C91-0749-05	CERAMIC	220PF	K		
C15 ,16			C91-0749-05	CERAMIC	220PF	K	TE	
C17 ,18			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C19 ,20			C91-0749-05	CERAMIC	220PF	K		
C21 ,22			C91-0729-05	CERAMIC	22PF	J		
C23 ,24			CE04LW1C220M	ELECTRO	22UF	16WV		
C25 ,26			CE04LW1C470M	ELECTRO	47UF	16WV		
C27 ,28			CC45FSL1H101J	CERAMIC	100PF	J		
C29			CK45FF1H472Z	CERAMIC	4700PF	Z		
C30 ,31			CK45FF1H103Z	CERAMIC	0.010UF	Z		
C32 ,33			CE04LW1C220M	ELECTRO	22UF	16WV		
C34			CK45FB1H102K	CERAMIC	1000PF	K		
C41			CQ92FM1H103J	MYLAR	0.010UF	J		
C42			CQ92FM1H222J	MYLAR	2200PF	J		
C43			CE04LW1A221M	ELECTRO	220UF	10WV		
C44			CQ92FM1H333J	MYLAR	0.033UF	J		
C45			CQ92FM1H152J	MYLAR	1500PF	J		
C46			CQ92FM1H333J	MYLAR	0.033UF	J		
C47			CF92FV1H105J	MF	1.0UF	J		
C48			CE04LW1A221M	ELECTRO	220UF	10WV		
C49			CE04LW1V100M	ELECTRO	10UF	35WV		
C50			CE04LW1H2R2M	ELECTRO	2.2UF	50WV		
C51			CE04LW1V100M	ELECTRO	10UF	35WV		
C53			CE04LW1V100M	ELECTRO	10UF	35WV		
C55			CF92FV1H824J	MF	0.82UF	J		
C56			CF92FV1H474J	MF	0.47UF	J		
C57			CE04LW1A470M	ELECTRO	47UF	10WV		
C58 ,59			CQ92FM1H104J	MYLAR	0.10UF	J		
C60			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C61			CE04LW1V4R7M	ELECTRO	4.7UF	35WV		
C62			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C63			CE04LW1V4R7M	ELECTRO	4.7UF	35WV		
C64			CF92FV1H154J	MF	0.15UF	J		
C65			CE04LW1H3R3M	ELECTRO	3.3UF	50WV		
C66 ,67			CF92FV1H154J	MF	0.15UF	J		
C68			CE04LW1H3R3M	ELECTRO	3.3UF	50WV		
C69			CF92FV1H154J	MF	0.15UF	J		
C70			CE04LW1V4R7M	ELECTRO	4.7UF	35WV		
C71			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C72			CE04LW1V4R7M	ELECTRO	4.7UF	35WV		
C73			CE04LW1HR47M	ELECTRO	0.47UF	50WV		
C74 ,75			CQ92FM1H104J	MYLAR	0.10UF	J		
C76 ,77			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C78			CE04LW1A221M	ELECTRO	220UF	10WV		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

※ New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.17

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格			Destination 仕向	Remarks 備考
C79 -82			CE04LW1V100M	ELECTRO	10UF	35WV		
C83			CE04LW1A221M	ELECTRO	220UF	10WV		
C84			CQ92FM1H473J	MYLAR	0.047UF	J		
C85			CQ92FM1H223J	MYLAR	0.022UF	J		
C86			CE04LW1C470M	ELECTRO	47UF	16WV		
C87			CE04LW1A101M	ELECTRO	100UF	10WV		
C89			CK45FB1H102K	CERAMIC	1000PF	K		
C91			CK45FF1H223Z	CERAMIC	0.022UF	Z		
C92			CE04LW1C470M	ELECTRO	47UF	16WV		
C93			CQ92FM1H104J	MYLAR	0.10UF	J		
C95			C91-0757-05	CERAMIC	1000PF	K		
C96			CF92FV1H681J	MF	680PF	J		
C97 ,98			CE04LW1V100M	ELECTRO	10UF	35WV		
C99 ,100			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C101,102			C91-0749-05	CERAMIC	220PF	K		
C103,104			C91-0729-05	CERAMIC	22PF	J		
C105,106			C91-0745-05	CERAMIC	100PF	K	TE	
C107,108			C91-0737-05	CERAMIC	47PF	J		
C109,110			CE04LW1V100M	ELECTRO	10UF	35WV		
C120			C91-0755-05	CERAMIC	680PF	K		
C121,122			C91-0735-05	CERAMIC	39PF	J	TE	
C123,124			CE04LW1V100M	ELECTRO	10UF	35WV		
C125,126			C91-0749-05	CERAMIC	220PF	K		
C127,128			CE04LW1A101M	ELECTRO	100UF	10WV		
C129,130			C91-0757-05	CERAMIC	1000PF	K		
C131,132			CQ92FM1H123J	MYLAR	0.012UF	J		
C133,134			CQ92FM1H332J	MYLAR	3300PF	J		
C135,136			CE04LW1V4R7M	ELECTRO	4.7UF	35WV		
C137,138			C91-0745-05	CERAMIC	100PF	K	TE	
C139			CQ93HP2A103J	MYLAR	0.010UF	J		
C151			C90-3253-05	ELECTRO	1UF	50WV		
C152			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C153,154			CC45FSL1H221J	CERAMIC	220PF	J		
C155-158			CC45FSL1H101J	CERAMIC	100PF	J		
C159			C90-3222-05	ELECTRO	100UF	10WV		
C160			CE04LW1A101M	ELECTRO	100UF	10WV		
C161,162			CC45FSL1H100D	CERAMIC	10PF	D		
C163,164			CE04LW2A010M	ELECTRO	1.0UF	100WV		
C165,166			CC45FSL1H221J	CERAMIC	220PF	J		
C167,168			CC45FSL1H020C	CERAMIC	2.0PF	C	KPMXYR	
C167,168			CC45FSL1H070C	CERAMIC	7.0PF	C	TE	
C169,170			CC45FSL2H330J	CERAMIC	33PF	J		
C171,172			CE04LW1C470M	ELECTRO	47UF	16WV		
C173			CE04LW1C220M	ELECTRO	22UF	16WV		
C181,182			CE04LW1H010M	ELECTRO	1.0UF	50WV		
C183,184			CC45FSL1H221J	CERAMIC	220PF	J		
C185-188			CC45FSL1H101J	CERAMIC	100PF	J		
C189,190			CE04LW1A470M	ELECTRO	47UF	10WV		
C191,192			CC45FSL1H680J	CERAMIC	68PF	J		
C193,194			CC45FSL1H221J	CERAMIC	220PF	J		
C195,196			CC45FSL1H020C	CERAMIC	2.0PF	C		
C197,198			CC45FSL2H680J	CERAMIC	68PF	J		
C200			CE04LW1C220M	ELECTRO	22UF	16WV		
C201,202			CE04LW1V100M	ELECTRO	10UF	35WV		
C203,204			CQ92FM1H333J	MYLAR	0.033UF	J		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.20

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
C7			C90-3211-05	ELECTRØ 33UF 6.3WV		
C8			CE04LW1H330M	ELECTRØ 33UF 50WV		
C9			C91-0769-05	CERAMIC 0.01UF K		
C10			C91-0085-05	CERAMIC 0.022UF N		
C11			C91-0769-05	CERAMIC 0.01UF K		
C12 ,13			CQ92FM1H223J	MYLAR 0.022UF J		
C14			C90-3212-05	ELECTRØ 47UF 6.3WV		
C15			C91-0769-05	CERAMIC 0.01UF K		
C21 ,22			CC45SL1H221J	CERAMIC 220PF J		
C23 ,24			CE04LW1H3R3M	ELECTRØ 3.3UF 50WV		
C25 ,26			CQ92FM1H563J	MYLAR 0.056UF J		
C27			CE04LW1H010M	ELECTRØ 1.0UF 50WV		
C28			C90-3228-05	ELECTRØ 47UF 16WV		
C29 ,30			C91-0737-05	CERAMIC 47PF J		
C31 ,32			C91-0754-05	CERAMIC 560PF J		
C33			C90-3253-05	ELECTRØ 1UF 50WV		
C37 ,38			C90-3224-05	ELECTRØ 4.7UF 16WV		
C39			C90-3225-05	ELECTRØ 10UF 16WV		
C40			CE04LW1V100M	ELECTRØ 10UF 35WV		
C41 ,42			CF92FV1H393J	MF 0.039UF J		
C43 ,44			CE04LW1E470M	ELECTRØ 47UF 25WV		
X1			L78-0267-05	RESØNATØR (4.194MHZ)		
CP1			R90-0492-05	MULTI-CØMP 100KX8 J 1/6W		
CP2			R90-0832-05	MULTI-CØMP 4.7KX3 J 1/6W		
CP4			R90-0856-05	MULTI-CØMP 10KX5 J 1/6W		
R22 ,23			RD14NB2E221J	RD 220 J 1/4W		
R69 ,70			RD14NB2E121J	RD 120 J 1/4W		
VR1 ,2			R10-5076-05	PØTENTIØMETER(100K X2)		
S1 -35			S40-1064-05	PUSH SWITCH		
S36 -38			S40-1064-05	PUSH SWITCH	TE	
S40			T99-0547-05	ENCØDER (INPUT SELECTØR)		
D1 -20			HSS104	DIØDE		
D1 -20			1SS133	DIØDE		
D25			HZS6.2N(B2)	ZENER DIØDE		
D25			RD6.2ES(B2)	ZENER DIØDE		
D26			HZS2.7N(B2)	ZENER DIØDE		
D26			RD2.7ES(B2)	ZENER DIØDE		
D27			HZS11N(B2)	ZENER DIØDE		
D27			RD11ES(B2)	ZENER DIØDE		
D32			HSS104	DIØDE		6
D32			1SS133	DIØDE		6
D33			HSS104	DIØDE	TE	
D33			1SS133	DIØDE	TE	
D34			HSS104	DIØDE	X	
D34			1SS133	DIØDE	X	
D35			HSS104	DIØDE	YMXTE	
D35			1SS133	DIØDE	YMXTE	
D36			HSS104	DIØDE	YM	
D36			1SS133	DIØDE	YM	
ED1			11-MT-92GK	INDICATØR TUBE		
IC1			UPD78043GF-073	MI-CØM IC	KPYMXR	

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnes dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

No.21

Ref. No. 参照番号	Address 位置	New Parts 新	Parts No. 部品番号	Description 部品名／規格	Destination 仕向	Remarks 備考
IC1			UPD78044GF-075	MI-CØM IC	TE	
IC2			S-80740AL	IC(VØLTAGE DETECTØR).		
IC3			NJM4580D-D	IC(ØP AMP X2)		
Q1 ,2			2SC1740S(Q,R)	TRANSISTØR		
Q1 ,2			2SC2785(F,E)	TRANSISTØR		
Q3			2SA1175(F,E)	TRANSISTØR	YM	
Q3			2SA933S(Q,R)	TRANSISTØR	YM	
Q5 ,6			2SC1740S(Q,R)	TRANSISTØR		
Q5 ,6			2SC2785(F,E)	TRANSISTØR		
Q7			2SC1845(F,E)	TRANSISTØR		
Q8			DTA124ES	DIGITAL TRANSISTØR		
Q8			UN4112	TRANSISTØR		
Q9			DTC124ES	DIGITAL TRANSISTØR		
Q9			UN4212	TRANSISTØR		
A1			W02-1046-05	ELECTRIC CIRCUIT MØDULE		
A1			W02-1153-05	ELECTRIC CIRCUIT MØDULE		
A1			W02-1174-05	ELECTRIC CIRCUIT MØDULE		

L:Scandinavia K:USA P:Canada R:Mexico
Y:PX(Far East, Hawaii) T:England E:Europe G:Germany
Y:AAFES(Europe) X:Australia M:Other Areas

S:Singapore made
W:Malaysia made

4:KR-694
5:KR-V5560
6:KR-V6060

⚠ indicates safety critical components

KR-694/V5560/V6060
PARTS LIST

KR-694/V5560/V6060

SPECIFICATIONS

For U.S.A and Canada (KR-694/V5560)

Audio section

Rated power output at the STEREO operation

70 watts per channel minimum RMS, both channels driven at 8 Ω, from 20 Hz to 20,000 Hz with no more than 0.06 % total harmonic distortions. (FTC)

Power output at the Surround operation
Front (1 kHz, 0.9 % T.H.D. at 8 Ω) ..... 70 W + 70 W
Center (1 kHz, 0.9 % T.H.D. at 8 Ω) ..... 70 W
Rear (1 kHz, 0.9 % T.H.D. at 8 Ω) ..... 20 W + 20 W

Total harmonic distortion (1 kHz, 8 Ω) ..... 0.03 % at 50 W
Signal to noise ratio (IHF A)
PHONO (MM) ..... 75 dB
CD, TAPE, VIDEO ..... 100 dB
Input sensitivity / impedance
PHONO (MM) ..... 2.5 mV / 47 kΩ
CD, TAPE, VIDEO ..... 200 mV / 47 kΩ
Tone controls
BASS ..... ± 10 dB (at 100 Hz)
TREBLE ..... ± 10 dB (at 10 kHz)
Loudness control at – 30 dB level ..... + 6 dB (100 Hz)

Video section

VIDEO inputs / outputs(Composite) ..... 1 Vp - p / 75 Ω

FM Tuner section

Tuning frequency range ..... 87.5 MHz ~ 108 MHz
Usable sensitivity (IHF) ..... 13.2 dBf (1.2 μV at 75 Ω)
50 dB quieting sensitivity
STEREO ..... 41.2 dBf (3.2 μV at 75 Ω)
Total harmonic distortion at 1 kHz
MONO ..... 0.6 %
STEREO ..... 0.7 %
Signal to noise ratio at 65 dBf (IHF)
MONO ..... 75 dB
STEREO ..... 68 dB
Selectivity (IHF ± 400 kHz) ..... 50 dB
Stereo separation (IHF at 1 kHz) ..... 40 dB
Frequency response ..... 30 Hz ~ 15 kHz, + 0.5 dB, – 3.0 dB

AM Tuner section

Tuning frequency range ..... 530 kHz ~ 1,700 kHz
Usable sensitivity ..... 12 μV / (500 μV / m)
Total harmonic distortion ..... 0.7 %
Signal to noise ratio ..... 48 dB
Selectivity ..... 30 dB

General

Power consumption ..... 3 A
AC outlet
SWITCHED ..... 2: (total 200 W, 1.6 A max.)
Dimensions ..... W:440 mm (17-5/16")
H :143 mm (5-5/8")
D :334 mm (13-1/8")
Weight (net) ..... 9.5 kg (20.9 lb)

For other countries(KR-694/V5560)

Audio section

Rated power output at the STEREO operation
(EIAJ) 1 kHz, 10 % T.H.D., at 8 Ω ..... 100 W + 100 W
(IHF '66) from 20 Hz to 20 kHz,
0.06% T.H.D., at 8 Ω ..... 70 W + 70 W
Power output at the Surround operation
Front (1 kHz, 0.9 % T.H.D. at 8 Ω) ..... 70 W + 70 W
Center (1 kHz, 0.9 % T.H.D. at 8 Ω) ..... 70 W
Rear (1 kHz, 0.9 % T.H.D. at 8 Ω) ..... 20 W + 20 W
Total harmonic distortion ..... (1 kHz, 8 Ω) 0.03 % at 50 W
Signal to noise ratio (IHF'66)
PHONO (MM) ..... 75 dB
CD, TAPE, VIDEO ..... 100 dB
Input sensitivity / impedance
PHONO (MM) ..... 2.5 mV / 47 kΩ
CD, TAPE, VIDEO ..... 200 mV / 47kΩ
Tone controls
BASS ..... ± 10 dB (at 100 Hz)
TREBLE ..... ± 10 dB (at 10 kHz)
Loudness control at – 30 dB level ..... + 6 dB (100 Hz)

Video section

VIDEO inputs / outputs (Composite) ..... 1 Vp - p / 75 Ω

FM Tuner section

Tuning frequency range ..... 87.5 MHz ~ 108 MHz
Usable sensitivity (IHF) ..... 13.2 dBf (1.2 μV at 75 Ω)
50 dB quieting sensitivity
STEREO ..... 41.2 dBf (3.2 μV at 75 Ω)
Total harmonic distortion at 1 kHz
MONO ..... 0.6 %
STEREO ..... 0.7 %
Signal to noise ratio at 65 dBf (IHF)
MONO ..... 75 dB
STEREO ..... 68 dB
Selectivity (IHF ± 400 kHz) ..... 50 dB
Stereo separation (IHF at 1 kHz) ..... 40 dB
Frequency response ..... 30 Hz ~ 15 kHz, + 0.5 dB, – 3.0 dB

AM Tuner section

Tuning frequency range
9 kHz ..... 531 kHz ~ 1,602 kHz
10 kHz ..... 530 kHz ~ 1,610 kHz
Usable sensitivity ..... 12 μV / (500 μV / m)
Total harmonic distortion ..... 0.7 %
Signal to noise ratio ..... 48 dB
Selectivity ..... 30 dB

General

Power consumption ..... 260 W
AC outlet
SWITCHED ..... 2: (total 200 W max.)
(Except for Australia)
Dimensions ..... W:440 mm
H :143 mm
D :334 mm
Weight (net) ..... 9.5 kg

Note : KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KR-694/V5560/V6060

SPECIFICATIONS

U.S.A., Mexico and Canada(KR-V6060)

Audio section

Rated power output at the STEREO operation

100 watts per channel minimum RMS, both channels driven at 8 Ω, from 20 Hz to 20,000 Hz with no more than 0.06% total harmonic distortions. (FTC)

Power output at the Surround operation
- Front (1 kHz, 0.9% T.H.D. at 8 Ω) ..... 70 W + 70 W
- Center (1 kHz, 0.9% T.H.D. at 8 Ω) ..... 70 W
- Rear (1 kHz, 0.9% T.H.D. at 8 Ω) ..... 20 W + 20 W

Total harmonic distortion (1 kHz, 8 Ω) ..... 0.03% at 50 W
Signal to noise ratio (IHF A)
- PHONO (MM) ..... 75 dB
- CD, TAPE, VIDEO ..... 100 dB

Input sensitivity / impedance
- PHONO (MM) ..... 2.5 mV / 47 kΩ
- CD, TAPE, VIDEO ..... 200 mV / 47 kΩ

Tone controls
BASS ..... ±10 dB (at 100 Hz)
TREBLE ..... ±10 dB (at 10 kHz)
Loudness control at - 30 dB level ..... + 8 dB (100 Hz)

Video section

VIDEO inputs / outputs(Composite) ..... 1 Vp-p / 75 Ω

FM Tuner section

Tuning frequency range ..... 87.5 MHz~108 MHz
Usable sensitivity (IHF) ..... 13.2 dBf (1.2 μV at 75 Ω)
50 dB quieting sensitivity
- STEREO ..... 41.2 dBf (3.2 μV at 75 Ω)

Total harmonic distortion at 1 kHz
- MONO 0.6%
- STEREO 0.7%

Signal to noise ratio at 65 dBf (IHF)
- MONO ..... 75 dB
- STEREO ..... 68 dB

Selectivity (IHF ±400 kHz) ..... 50 dB
Stereo separation (IHF at 1 kHz) ..... 40 dB
Frequency response ..... 30 Hz~15 kHz, +0.5 dB,- 3.0 dB

AM Tuner section

Tuning frequency range ..... 530 kHz~1,700 kHz
Usable sensitivity ..... 12 μV / (500 μV / m)
Total harmonic distortion ..... 0.7 %
Signal to noise ratio ..... 48 dB
Selectivity ..... 30 dB

General

Power consumption ..... 3 A
AC outlet
- SWITCHED ..... 2: (total 200 W, 1.6 A max.)

Dimensions ..... W: 440 mm (17-5/16")
H: 143 mm (5-5/8")
D: 334 mm (13-1/8")

Weight (net) ..... 9.5 kg (20.9 lb)

Other countries(KR-V6060)

Audio section

Rated power output at the STEREO operation
(EIAJ) 1 kHz, 10 % THD at 8 Ω ..... 135 W + 135 W
(IHF '66) from 20 Hz to 20 kHz,
0.06% T.H.D., at 8 Ω ..... 100 W + 100 W

Power output at the Surround operation
- Front (1 kHz, 0.9% T.H.D. at 8 Ω) ..... 70 W + 70 W
- Center (1 kHz, 0.9% T.H.D. at 8 Ω) ..... 70 W
- Rear (1 kHz, 0.9% T.H.D. at 8 Ω) ..... 20 W + 20 W

Total harmonic distortion (1 kHz, 8 Ω) 0.03% at 50 W
Signal to noise ratio (IHF'66)
- PHONO (MM) ..... 75 dB
- CD, TAPE, VIDEO ..... 100 dB

Input sensitivity / impedance
- PHONO (MM) ..... 2.5 mV / 47 kΩ
- CD, TAPE, VIDEO ..... 200 mV / 47kΩ

Tone controls
- BASS ..... ±10 dB (at 100 Hz)
- TREBLE ..... ±10 dB (at 10 kHz)

Loudness control at - 30 dB level ..... + 8 dB (100 Hz)

Video section

VIDEO inputs / outputs(Composite) ..... 1 Vp-p / 75 Ω

FM Tuner section

Tuning frequency range ..... 87.5 MHz~108 MHz
Usable sensitivity (IHF) ..... 13.2 dBf (1.2 μV at 75 Ω)
50 dB quieting sensitivity
- STEREO ..... 41.2 dBf (3.2 μV at 75 Ω)

Total harmonic distortion at 1 kHz
- MONO ..... 0.6 %
- STEREO ..... 0.7 %

Signal to noise ratio at 65 dBf (IHF)
- MONO ..... 75 dB
- STEREO ..... 68 dB

Selectivity (IHF ± 400 kHz) ..... 50 dB
Stereo separation (IHF at 1 kHz) ..... 40 dB
Frequency response ..... 30 Hz ~ 15 kHz, + 0.5 dB, - 3.0 dB

AM Tuner section

Tuning frequency range
- 9 kHz ..... 531 kHz ~ 1,602 kHz
- 10 kHz ..... 530 kHz ~ 1,610 kHz

Usable sensitivity ..... 12 μV / (500 μV / m)
Total harmonic distortion ..... 0.7 %
Signal to noise ratio ..... 48 dB
Selectivity ..... 30 dB

General

Power consumption ..... 260 W
AC outlet
- SWITCHED ..... 2: (total 200 W max.)
(Except for Australia)

Dimensions ..... W: 440 mm
H: 143 mm
D: 334 mm

Weight (net) ..... 9.5 kg

Note : KENWOOD follows a policy of continuous advancements in development. For this reason specifications may be changed without notice.

KR-694/V5560/V6060

KENWOOD CORPORATION

Alive Mitake, 2-5, 1-chome Shibuya, Shibuya-ku, Tokyo 150, Japan

KENWOOD SERVICE CORPORATION
P.O. BOX 22745, 2201 East Dominguez St., Long Beach, CA 90801-5745, U.S.A.

KENWOOD ELECTRONICS CANADA INC.
6070 Kestrel Road, Mississauga, Ontario, Canada L5T 1S8

KENWOOD ELECTRONICS LATIN AMERICA S.A.
P.O. BOX 55-2791, Piso 6 Plaza Chase, Cl. 47 y Aquilino de la Guardia, Panama, Republic de Panama

TRIO-KENWOOD U.K. LIMITED
Kenwood House, Dwight Road, Watford, Herts, WD1 8EB, United Kingdom

KENWOOD ELECTRONICS BENELUX N.V.
Mechelsesteenweg 418 B-1930 Zaventem, Belgium

KENWOOD ELECTRONICS DEUTSCHLAND GMBH
Rembrücker Str. 15, 63150 Heusenstamm, Germany

TRIO-KENWOOD FRANCE S.A.
13 Boulevard Ney, 75018 Paris, France

KENWOOD ELECTRONICS ITALIA S.p.A.
Via G. Sirtori, 7/9 20129 Milano, Italy

KENWOOD ESPANA S.A.
Bolivia, 239-08020 Barcelona, Spain

KENWOOD ELECTRONICS AUSTRALIA PTY. LTD. (A.C.N. 001 499 074)
PO BOX 504, 8 Figtree Drive, Australia Centre, Homebush, N.S.W. 2140, Australia

KENWOOD & LEE ELECTRONICS, LTD.
Unit 3712-3724, Level 37 Tower 1, Metroplaza, 223 Hing Fong Road, Kwai Fong N.T. Hong Kong

KENWOOD ELECTRONICS SINGAPORE PTE LTD
No. 1 Genting Lane #07-00, Singapore, 1334